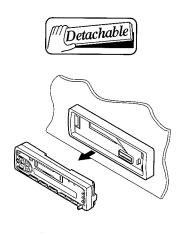
JVC

SERVICE MANUAL

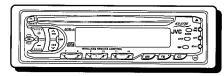
CD RECEIVER

KD-S730 KD-S630

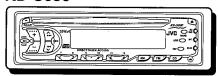














Area Suffix

J ... the U.S.A.

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Safety Precaution

A CAUTION Burrs formed during molding may be left over on some parts of the chassis. Therefore, pay attention to such burrs when preforming repairs of this system.

CAUTION Please use enough caution to avoid direct exposure to the beam or touch it in case of an adjustment or operation check.

Instructions

reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications However, there is no guarantee that interference will not occur in a

particular installation. If this equipment does cause harmful interference to radio or television

reception, which can be determined by turning the equipment off and on, the user

encouraged to try to correct the interference by one or more of the following measures:

Connect the equipment into an outlet on a circuit different from that to which the receiver

Increase the separation between the equipment and receiver.

Reorient or relocate the receiving antenna.

- Consult the dealer or an experienced radio/TV technician for help

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide

INFORMATION (For USA)

CD RECEIVER

KD-SX830/S730/S630

ENGLISH

LONA423 KD-SX830/S730/S630

RECEPTOR CON CD

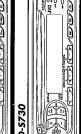
is connected.

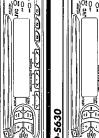
ERAÚÇAIS KD-SX830/S730/S630

RECEPTEUR CD

TDetachable

CD-5X830







Pour l'installation et les raccordements, se référer au manuel séparé. Para la instalación y las conexiones, refiérase al manual separado.

Notes:

*I The date of manufacture. *2 The ID code of manufacturing plant. *3 Marking of country origin.

Marking of country origin.

Enter below the Model No. and the top or bottom of the cabinet. Retain this information for future Serial No. which are located on For customer Use:

Serial No. Model No.

reference.

INSTRUCTIONS

MANUAL DE INSTRUCCIONES MANUEL D'INSTRUCTIONS FSUN3038-631S [J]

PRODUCTS (For USA only) IMPORTANT FOR LASER

Precautions:

Bottom of the main unit

Certification labels

dentification and

- 2. DANGER: Invisible laser radiation when open and interlock failed or defeated. Avoid 1. CLASS 1 LASER PRODUCT direct exposure to beam.
- 3. CAUTION: Do not open the top cover. There are no user-serviceable parts inside. Leave all servicing to qualified service personnel

NAME/RATING PLATE

US JVC CORP 41 SLAT

emission when unloading CDs. It is CAUTION: This CD player uses invisible safety switches to prevent radiation laser radiation, however, is equipped with

DHHS Rules 21

CAUTION: Use of controls, adjustments or performance of procedures other than those specified herein may result in dangerous to defeat the safety switches. hazardous radiation exposure.

BEFORE USE

* For safety....

 Do not raise the volume level too much, as this will block outside sounds, making driving dangerous.

*Temperature inside the car....

If you have parked the car for a long time in hot or cold weather, wait until the temperature in the car becomes normal before operating the unit. Stop the car before performing any complicated

Ø

operations.

BASIC OPERATIONS

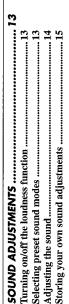
Thank you for purchasing a JVC product. Please read all instructions carefully before operation, to ensure your complete understanding and to obtain the best possible performance from the unit.

Scanning broadcas Selecting FM recep BASIC OPERATIOI RADIO OPERATIO FM station automa Tuning into a preset s Other convenient tun Listening to the radion Storing stations in m Manual preset..... CONTE

NTS	by NS	01

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(FOR KD-SX830/S730)

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Handling CDs

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(ONLY FOR KD-SX830)

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2 2

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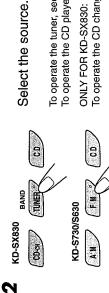


0 0 B

ENGLISH

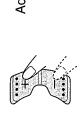
Note:
When you use this unit for the first time, set the built-in clock correctly, see page 16.





To operate the CD player, see pages 10 – 12. To operate the tuner, see pages 5 - 9. ONLY FOR KD-SX830:

To operate the CD changer, see pages 20 - 22.



Volume level indicator Volume level appears. Adjust the volume.

Adjust the sound as you want (see pages 13 – 15)

To drop the volume in a moment

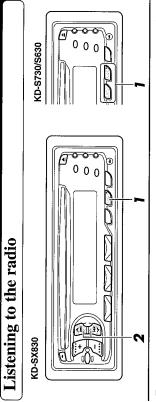
Press 6/1/ATT briefly while listening to any source. "ATT" starts flashing on the display, and the volume level will drop in a moment.

To resume the previous volume level, press the button briefly again.

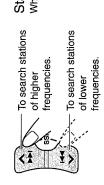
To turn off the power

Press Ø/I/ATT for more than 1 second.

RADIO OPERATIONS



You can select any one of FM1, FM2, and FM3 to listen to an Select the band (FM1, FM2, FM3 or AM). (ONLY FOR KD-SX830) Audio level indicator 87.8 ➤ FM1—➤ FM2 → FM1→ FM2→ FM3 → AM FM station. FM3★ KD-S730/S630 KD-SX830 **V**MA



When a station is received, searching stops. Start searching a station.



To stop searching before a station is received, press the same button you have pressed for searching.

To tune in a particular frequency without searching:

Select the band (FM or AM).

Press TUNER/BAND repeatedly. For KD-SX830:

For KD-S730/S630: Press FM or AM.

- 2 Press and hold SSM ▶► A or SSM I▲< V until "W" starts flashing on the display. Now you can manually change the frequency while "M" is flashing.
- If you hold down the button, the frequency keeps changing until you release the button. 3 Press SSM ▶►! A or SSM I◀◀ Y repeatedly until the frequency you want is reached.



Storing stations in memory

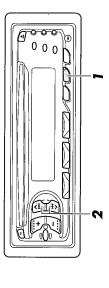
ENGLISH

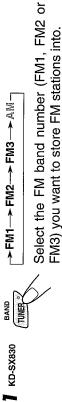
You can use one of the following two methods to store broadcasting stations in memory. Automatic preset of FM stations: SSM (Strong-station Sequential Memory)

Manual preset of both FM and AM stations

FM station automatic preset: SSM

You can preset 6 local FM stations in each FM band (FM1, FM2, and FM3).

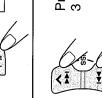




→FM1-→FM2--→FM3--→AW-

→ FM1 → FM2 → FM3-Ξ

KD-S730/S630



N

Press and hold the both buttons for more than 3 seconds.



"SSM" appears, then disappears when automatic preset is over. -ocal FM stations with the strongest signals are searched and stored automatically in the band number you have selected (FM1, FM2 or FM3). These stations are preset in the number buttons — No. 1 (lowest frequency) to No. 6 (highest frequency)

When automatic preset is over, the station stored in number button 1 will be automatically tuned in.

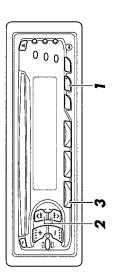
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Manual preset

You can preset up to 6 stations in each band (FM1, FM2, FM3 and AM) manually.

EXAMPLE: Storing an FM station of 88.3 MHz into the preset number 1 of the FM1 band

ЕИСГІЗН



KD-SX830



кр-s730/s630 Select the FM1 band.



Tune into a station of 88.3 MHz. See page 5 to tune into a station.



Press and hold the button for more than 1

second.

Preset number "1" starts flashing for a while.

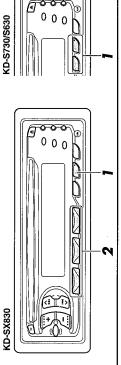
Repeat the above procedure to store other stations into other preset numbers.

A previously preset station is erased when a new station is stored in the same preset number.
 Preset stations are erased when the power supply to the memory circuit is interrupted (for example, during battery replacement). If this occurs, preset the stations again.

(MANATANA)

Tuning into a preset station

You can easily tune into a preset station. Remember that you must store stations first. If you have not stored them yet, see pages 6 and 7.

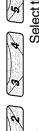


want. BAND KD-SX830

Select the band (FM1, FM2, FM3 or AM) you

→FM1 → FM2 → FM3 → AM KD-S730/S630

→ FM1 → FM2 ¥ MA



Select the number (1-6) for the preset station

ω



ENGLISH

SCAN 용문 -5-0-c 0 0 0 Other convenient tuner functions SSM FY SSM

Scanning broadcast stations

When you press SCAN while listening to the radio, station scanning starts. Each time a broadcast is tuned in, scanning stops for about 5 seconds (tuned frequency number flashes on the display), and you can check what program is now being broadcasted

If you want to listen to that program, press the same button again to stop scanning.

Selecting FM reception sound

When an FM stereo broadcast is hard to receive:

Press MO RND (mono/random) while listening to an FM stereo broadcast. The sound you hear becomes monaural but reception will be improved.

Lights up when receiving an FM broadcast in stereo



To restore the stereo effect, press the same button again.

Changing the AM/FM channel intervals

When using this unit in an area other than North or South America:

When this unit is shipped from the factory, the channel intervals are set to 10 kHz for AM and 200 kHz for FM. You can change the channel intervals by following the procedure below.

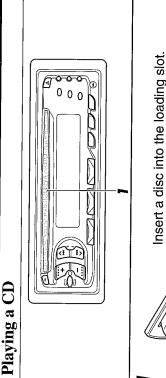
- Press SEL (select) for more than 2 seconds.
- "CLOCK H," "CLOCK M," "BEEP" or "AREA" appears on the display. "BEEP" does not appear for KD-S730/S630.
- 2 If "AREA" does not appear, press SSM ▶► A or SSM ►< until it appears.
- "AREA EU" appears and the channel intervals are set to 9 kHz for AM and 50 kHz (for manual tuning) / 100 kHz (for searching) for FM.

To reset to the factory setting, follow the above step 1 and 2, then press – in step 3 ("AREA US" appears on the display.)

AREA EU: Select this when used in an area other than North and South America. AREA US: Select this when used in North or South America.

(e)

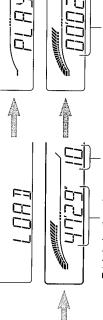
CD OPERATIONS





The unit turns on, draws a CD and starts playback automatically

 When a CD is inserted upside down, "EJECT" appears on the display and the CD automatically ejects.



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Total playing time of the inserted disc

of the inserted disc Total track number

Elapsed playing time

Current track

When a CD is already in the loading slot, pressing CD turns on the unit and starts playback Note on One-Touch Operation: automatically.

CAUTION on Volume Setting

CDs produces very little noise compared with other sources. If the volume level is adjusted for the tuner, for example, the speakers may be damaged by the sudden increase in the output level. Therefore, lower the volume before playing a CD and adjust it as required during playback

To stop play and eject the CD

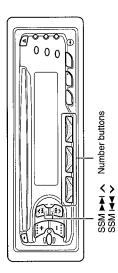
CD play stops and the CD automatically ejects from the loading slot. The source changes to

If you change the source to AM/FM (or CD changer for KD-SX830 only), the CD play also the tuner (you will hear the last received station) stops (without ejecting the CD this time).

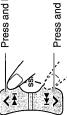
If the ejected disc is not removed for about 15 seconds, the disc is automatically inserted again into
the loading slot to protect it from dust. (CD play will not start this time.)
 You can eject the CD when the unit is turned off.

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Locating a track or a particular portion on a CD



To fast forward or reverse the track



Press and hold SSM ▶►! A, while playing a CD, to fast forward the track.

Tress and hold SSM I▲▼, while playing a CD, to reverse the track.

To go to the next track or the previous track



Press SSM ▶►I A briefly, while playing a CD, to go ahead to the beginning of the next track. Each time you press the button consecutively, the beginning of the next track is located and played back. Press SSM I▲▼ V briefly, while playing a CD, to go back to the beginning of the current track. Each time you press the button consecutively, the beginning of the previous track is located and played back.

To go to a particular track directly



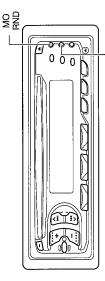
Press the number button corresponding to the track number to start its playback.

- To select a track number from 1 6: Press 1 (7) - 6 (12) briefly.
- To select a track number from 7 12:

Press and hold 1 (7) -6 (12) for more than 1 second.

Selecting CD playback modes

ENGLISH



To play back tracks at random (Random Play)

RPT

You can play back all tracks on the CD at random.

Each time you press MO RND (Mono/Random) while playing a CD, CD random play mode turns on and off alternatively

When the random mode is turned on, the RND indicator lights up on the display and a track randomly selected starts playing.



To play back tracks repeatedly (Repeat Play)

You can play back the current track repeatedly

When the repeat mode is turned on, the RPT indicator lights up on the Each time you press RPT (Repeat) while playing a CD, CD repeat play mode changes turns on and off alternatively.

display.



Track number of the currently playing track

Other convenient CD functions

Prohibiting CD ejection

Press and hold CD and ▲ for more than 2 seconds. "EJECT" flashes on the display for about You can prohibit the CD ejection and can "lock" a CD in the loading slot.

5 seconds, and the CD is "locked."

To cancel the prohibition and "unlock" the CD, press and hold CD and ≜ for more than 2 seconds again. "EJECT" appears on the display, and the CD ejects from the loading slot.

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SOUND ADJUSTMENTS

Turning on/off the loudness function

The loudness function can boost these frequencies to produce well-balanced sound at low The human ear is less sensitive to low and high frequencies at low volumes. volume level.

Each time you press LOUD, the loudness function turns on and off alternatively.







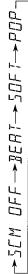
ЕИСГІЗН

Selecting preset sound modes

You can select a preset sound adjustment suitable to the music genre:

Each time you press SOUND, the sound mode changes as follows.





Indication	For:		Preset values	sər
		Bass	Treble	Loudness
SCM OFF	(Flat sound)	00	00	o
BEAT	Rock or disco music	+2	8	ő
SOFT	Quiet background music	+	ဗှ) HO
POP	Light music	4	+1	Off

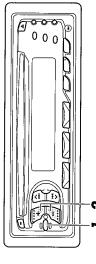
You can adjust the preset sound mode to your preference, and store in memory.
 If you want to adjust and store your original sound mode, see "Storing your own sound adjustments"

on page 15.
• To adjust only the bass and treble reinforcement levels to your preference, see "Adjusting the sound" on page 14.



Adjusting the sound

You can adjust the treble/bass sound and the speaker balance.





~3H5~~7RE~~FH3~~3HL~VOL Select the item you want to adjust.

Indication	- Co do:	on and
	.000	naige
BAS (bass)	Adjust the bass	-6 (min.) — +6 (max.)
TRE (treble)	Adjust the treble	-6 (min.) — +6 (max.)
FAD (Fader)*	Adjust the front and rear speaker balance	R6 (rear only) — F6 (front only)
BAL (Balance)	Adjust the left and right speaker balance	L6 (left only) — R6 (right only)
VOL (Volume)	Adjust the volume	00 (min.) — 50 (max.)

Note:
* If you are using a two-speaker system, set the fader level to "00" (center).

Adjust the level.



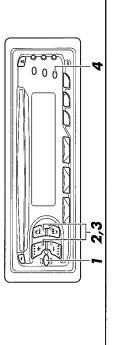
Note: Normally the + and - buttons work as the volume control buttons. So you do not have to select "VOL" to adjust the volume level.

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WELL OTHER MAIN FUNCTIONS





To

Press and hold the button for more than 2 seconds.

'CLOCK H," "CLOCK M," "BEEP" or "AREA" appears on the

display.
• "BEEP" does not appear for KD-S730/S630.

Call up the sound mode you want to adjust. See page 13 for details.

1. Select "CLOCK H" if not shown on the Set the hour.

- LOCK H→CLOCK M→ BEEP → BREA display.

To turn on or off the loudness function Each time you press LOUD, the loudness function turns on and off alternatively. (\rightarrow go to step 4)

Adjust the bass or treble level. See page 14 for details.

To adjust the bass or treble sound level

Select "BAS" or "TRE."

2. Adjust the hour.

Press and hold SOUND until the sound mode you have selected in step 1 flashes on the

Within

 Select "CLOCK M." Set the minute.

►EB388 ★ M → ELOEK M → 3552 P → PREB

2. Adjust the minute.

4

Start the clock.

ENGLISH

You can adjust the sound modes (BEAT, SOFT, POP: see page 13) as you like and store your own adjustments in memory.

Storing your own sound adjustments

1-10

5

Repeat the same procedure and reassign the preset values listed in the table on page 13.

To reset to the factory settings

Repeat the same procedure to store other settings.

5

Your setting is stored in memory.

O BBB.

ENGLISH Press DISP repeatedly. Each time you press the button, the display mode changes as follows. To check the current clock time (changing the display mode)

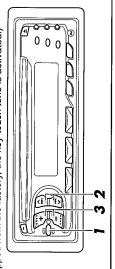
Elapsed ←─➤ Clock playing time During CD operation: Frequency ← → Clock During tuner operation:

If the unit is not in use when you press DISP, the power turns on, the clock time is shown for 5 seconds, then the power turns off.

Turning on/off the key-touch tone

This function is ONLY FOR KD-SX830.

You can deactivate the key-touch tone if you do not want to make it beep when you press a button. (When shipped from the factory, the key-touch tone is activated.)

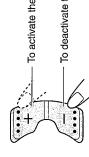


Press and hold the button for more than 2 seconds.

"CLOCK H," "CLOCK M," "BEEP" or "AREA" appears on the display.

₹>

MY BEEP YARERY Select "BEEP" if not shown on the display. X]11]****H **≯**[[[[K



To deactivate the key-touch tone (OFF). To activate the key-touch tone (ON).

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Detaching the control panel

You can detach the control panel when leaving the car.

When detaching or attaching the control panel, be careful not to damage the connectors on the back of the control panel and on the panel holder.

How to detach the control panel

How to attach the control

panel

Before detaching the control panel, be sure to turn off the power. nsert the left side of the

control panel into the groove

on the panel holder.

Unlock the control panel

3 Lift and pull the control panel out of the unit.

2

Press the right side of the control panel to fix it to the

panel holder.



Put the detached control panel into the case provided.



To minimize this possibility, periodically wipe the connectors with a cotton swab or cloth moistened with alcohol, being careful not to damage the connectors. If you frequently detach the control panel, the connectors will deteriorate. Note on cleaning the connectors:



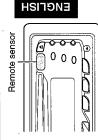
<u>∞</u>

REMOTE OPERATIONS

This section is FOR KD-SX830/S730

Before using the remote controller:

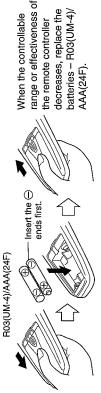
- Aim the remote controller directly at the remote sensor on the main unit. Make sure there is no obstacle in between.
- sunlight or artificial lighting).



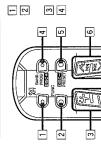
ENGLISH

Do not expose the remote sensor to strong light (direct

Installing the batteries



Using the remote controller



- Functions the same as the �/1/ATT button on the main unit Select the source.
- Each time you press FUNC (function), the source changes. Functions the same as the +/- buttons on the main unit
- Functions as the DISC + button while listening to the CD Functions as the BAND button while listening to the radio. Each time you press the button, the band changes.
- Each time you press the button, the disc number increases, Does not function as the PROG button for KD-SX830/S730. changer. (ONLY FOR KD-SX830) and selected disc starts playing.
- Functions as the PRESET button while listening to the radio. Each time you press the button, the preset station number increases, and selected station is tuned in. ß

JVC HW-RK22

- Functions as the DISC button while listening to the CD Each time you press the button, the disc number decreases, changer. (ONLY FOR KD-SX830)
 - Searches stations while listening to the radio. and selected disc starts playing.
- Fast forwards or reverses the track if pressed and held while listening to the CD 9
 - Skips to the beginning of the next tracks or go back to the beginning of the current (or previous tracks) if pressed briefly while listening to the CD.

CD CHANGER OPERATIONS

This section is ONLY FOR KD-SX830, when used with a JVC CD automatic changer (separately purchased)

We recommend that you use one of the CH-X series with your KD-SX830

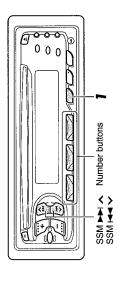
• For example, if your CD automatic changer is one of the KD-MK series, you need a cord (KS-If you have another CD automatic changer, consult your JVC car audio dealer for connections.

U15K) for connecting it to this unit.

 Refer also to the Instructions supplied with your CD changer Before operating your CD automatic changer.

- If no discs are in the magazine of the CD changer or the discs are inserted upside down, "NO CD" or "NO DISC" will appear on the display. If this happens, remove the magazine and set the discs correctly.
- If "RESET 1 RESET 8" appears on the display, something is wrong with the connection between this unit and the CD changer. If this happens, check the connection, connect the connecting cord(s) firmly if necessary, then press the reset button of the CD changer

Playing CDs





Select the CD automatic changer.

Play back starts from the first track of the first disc. All tracks of all discs are played back.



Elapsed playing time (The clock time is shown if you have pressed DISP to see the clock time. See page 17.)

Note on One-Touch Operation:

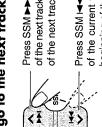
When you press CD-CH, the power automatically comes on. You do not have to press ϕ_{IIIATT} to turn on the power.

To fast forward or reverse the track

Press and hold SSM ▶►! A, while playing a CD, to fast forward the track.

ЕИСГІЗН

Press and hold SSM I◀◀ ✔, while playing a CD, to reverse the track. To go to the next track or the previous track



Press SSM ▶▶! ★ briefly, while playing a CD, to go ahead to the beginning of the next track. Each time you press the button consecutively, the beginning of the next track is located and played back.

Press SSM I▲▲ ➤ briefly, while playing a CD, to go back to the beginning of the current track. Each time you press the button consecutively, the beginning of the previous track is located and played back.

To go to a particular disc directly



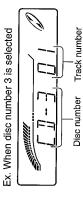
Press the number button corresponding to the disc number to start its playback (while the CD changer is playing)

To select a disc number from 1 – 6:

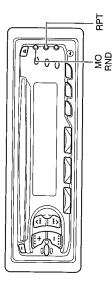
Press 1 (7) - 6 (12) briefly.

To select a disc number from 7 – 12:

Press and hold 1 (7) - 6 (12) for more than 1 second.



Selecting CD playback modes



To play back tracks at random (Random Play)

Each time you press MO RND (mono/Random) while playing a CD, CD

random play mode changes as follows:

PNG ONE



Mode	RND Indicator	Plays at random
RND1	Lights	All tracks of the current disc, then the tracks of the next disc, and so on.
RND2	Flashes	All tracks of all discs inserted in the magazine.

To play back tracks repeatedly (Repeat Play)

Each time you press RPT (Repeat) while playing a CD, CD repeat play RPT (Repeat) ➤ RPT1 → RPT2 → Canceled (Repeatt) (Repeats)

Mode	RPT Indicator	Plays repeatedly
RPT1	Lights	The current track (or specified track).
RPT2	Flashes	All tracks of the current disc (or specified disc).

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MAINTENANCE

Handling CDs

This unit has been designed only to reproduce the CDs bearing the كَالْكُوْلُ mark. Other discs cannot be played back.

ENGLISH

How to handle CDs

Center holder When removing a CD from its case, press down the center holder of

 Always hold the CD by the edges. Do not touch its recording surface. the case and lift the CD out, holding it by the edges.

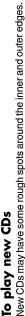
When storing a CD into its case, gently insert the CD around the

center holder (with the printed surface facing up).

Make sure to store CDs into the cases after use.

A dirty CD may not play correctly. If a CD does becomes dirty, wipe it with To keep CDs clean

a soft cloth in a straight line from center to edge. To play new CDs



To remove these rough spots, rub the edges with a pencil or ball-point If such a CD is used, this unit may reject the CD.

Moisture condensation

Moisture may condense on the lens inside the CD player in the following cases:

- After starting the heater in the car.
- If it becomes very humid inside the car.

Should this occur, the CD player may malfunction. In this case, eject the CD and leave the unit turned on for a few hours until the moisture evaporates.

CAUTIONS:

- Do not insert 8cm (3 3/16") CDs (single CDs) into the loading slot. (Such CDs cannot be ejected.)
- Do not insert any CD of unusual shape like a heart or flower; otherwise, it will cause a
 - malfunction.
 Do not expose CDs to direct sunlight or any heat source or place them in a place subject to high
 - temperature and humidity. Do not leave them in a car.

 Do not use any solvent (for example, conventional record cleaner, spray, thinner, benzine, etc.) to clean CDs.

About mistracking: Mistracking may result from driving on extremely rough roads. This does not damage the unit and the CD, but will be annoying.

We recommend that you stop CD play while driving on such rough roads.

TROUBLESHOOTING

What appears to be trouble is not always serious. Check the following points before calling a service center

CD cannot be played back. CD is in CD sound is sometimes You are interrupted. CD is a		
	CD is inserted upside down.	insert the CD collectiy.
CD is s	You are driving on rough roads.	Stop CD play while driving rough roads.
Conne	CD is scratched.	Change the CD.
	Connections are incorrect.	Check the cords and connections.
Sound cannot be heard from The vo the speakers.	The volume control is turned to the minimum level.	Adjust it to the optimum level.
Conne	Connections are incorrect.	Check the cords and connections.
SSM (Strong-station Signals Sequential Memory) automatic preset does not work.	Signals are too weak.	Store stations manually.
Static noise while listening The an to the radio.	The antenna is not connected firmly.	Connect the antenna firmly.
"NO CD" or "NO DISC" No CD appears on the display.	No CD is in the loading slot (or in the magazine).	Insert CD.
CD is i	CD is inserted incorrectly.	Insert it correctly.
"RESET 8" appears on the CD oh display.	This unit is not connected to a CD changer correctly.	Connect this unit and the CD changer correctly and press the reset button of the CD changer.
"RESET 1-RESET 7" appears on the display.		Press the reset button of the CD changer.
CD can be neither played The CD played incorrectly.	The CD player may function incorrectly.	Press <i>Φ/I/ATT</i> and ▲ at the same time for more than 2 seconds. Be careful not to drop CD when it is ejected.
The unit does not work at The built-ir all. Inoise, etc.	The built-in microcomputer may function incorrectly due to noise, etc.	Press 6/1/ATT and SEL at the same time for more than 2 seconds to reset the unit. (The clock setting and preset stations stored in memory are erased.)



Usable Sensitivity: 11.3 dBf (1.0 μV/75 Ω) [FM Tuner] **AUDIO AMPLIFIER SECTION**

50 dB Quieting Sensitivity:

Front: 40 watts per channel Maximum Power Output:

FOR KD-SX830/S730:

Continuous Power Output (RMS): Rear: 40 watts per channel

Front: 16 watts per channel into 4 Ω, 40 to 20,000 Hz at no more than 0.8% total harmonic distortion.

16 watts per channel into 4 Ω, 40 to 20,000 Hz at no more than 0.8% total harmonic distortion. Rear:

FOR KD-S630:

Front: 35 watts per channel Maximum Power Output:

Rear: 35 watts per channel

Front: 15 watts per channel into 4 Ω, 40 to 20,000 Hz at no more than 0.8% Continuous Power Output (RMS):

15 watts per channel into 4 Ω, 40 to 20,000 Hz at no more than 0.8% total harmonic distortion. total harmonic distortion. Rear:

FOR KD-SX830/S730/S630:

Load Impedance: 4 Ω (4 to 8 Ω allowance) Tone Control Range

Frequency Response: 40 to 20,000 Hz Bass: ±10 dB at 100 Hz Treble:±10 dB at 10 kHz

Line-Out Level/Impedance: 2.0 V/20 kΩ load Signal-to-Noise Ratio: 70 dB (full scale)

Output Impedance: 1 k\O

TUNER SECTION Frequency Range

(with channel interval set to 200 kHz) FM: 87.5 to 107.9 MHz 87.5 to 108.0 MHz

(with channel interval set to 10 kHz) AM: 530 to 1,710 kHz

(with channel interval set to 50 kHz)

(with channel interval set to 9 kHz) 531 to 1,602 kHz

SPECIFICATIONS

Alternate Channel Selectivity (400 kHz): 16.3 dBf (1.8 μV/75 Ω) 65 dB

ЕИСПЗН

Frequency Response: 40 to 15,000 Hz Stereo Separation: 35 dB

Capture Ratio: 1.5 dB

[AM Tuner]

Sensitivity: 20 µV Selectivity: 35 dB

CD PLAYER SECTION

Signal Detection System: Non-contact optical Type: Compact disc player

Number of channels: 2 channels (stereo) Frequency Response: 5 to 20,000 Hz pickup (semiconductor laser

Signal-to-Noise Ratio: 97 dB Dynamic Range: 95 dB

Wow and Flutter: Less than measurable limit GENERAL

Operating Voltage: DC 14.4 volts (11 to 16 Power Requirement

Grounding System: Negative ground Dimensions (W x H x D) volts allowance)

(7-3/16" x 2-1/16" x 5-15/16") 182 x 52 x 150 mm Installation Size:

Mass: 1.3 kg (2.9 lbs) (excluding accessories) Panel Size: 188 x 58 x 14 mm (7-7/16" x 2-5/16" x 5/8")

Design and specifications subject to change without notice.

your telephone directory for the nearest If a kit is necessary for your car, consult car audio speciality shop.

EN, SP, FR



Installation/Connection Manual Manual de instalación/conexión Manuel d'installation/raccordement FSUN3038-T631S

[J]



Printed in Singapore
1197MNMMDWJES EN, SP, FR

ENGLISH

. This unit is designed to operate only on 12 volts DC, NEGATIVE

INSTALLATION (IN-DASH MOUNTING)

2 Remove the trim plate.

4 Install the sleeve in the dashboard.

as illustrated

8 Attach the trim plate.

9 Attach the control panel

· The following illustration shows a typical installation. However, you should make adjustments corresponding to your specific car. If you have any questions or require information regarding installation kits, consult your JVC car audio dealer or a company

1 Before mounting: Press (Control Panel Release button) to detach the control panel.

 $\boldsymbol{3}\,$ Remove the sleeve after disengaging the sleeve locks.

Note: When you stand the unit, be careful not to damage

Note: Be sure to keep the handles for future use after

After the sleeve is correctly installed in the dashboard, bend the appropriate tabs to hold the sleeve firmly in place,

5 Fix the mounting bolt to the rear of the unit's body and place

6 Do the required electrical connections explained on the back of this instructions.

the rubber cushion over the end of the bolt.

7 Slide the unit into the sleeve until it is locked.

② Insert the 2 handles between the unit and the sleeve, as illustrated, to disengage the sleeve locks.

ESPAÑOL

Esta unidad está diseñada para funcionar con 12 voltios de CC, con sistemas eléctricos de masa NEGATIVA solamente.

INSTALACION (MONTAJE EN EL TABLERO DE INSTRUMENTOS)

 La siguiente ilustración muestra una instalación típica. Sin embargo usted deberá efectuar los ajustes correspondientes a su automówii. Si tiene alguna pregunta o necesita información acerca de las herramientas para instalación, consulte con su concesionario de JVC de equipos de audio para automóviles o a una compañía que suministra tales herramientas.

- 1 Antes de instalar: Presione L

 | (botón de liberación del panel de control) para desmontar el panel de control.
- 2 Retire la placa de guarnición.
- 3 Retire la manga después de desenganchar los retenes de la manga.
 - Ponga la unidad vertical.

Nota: Al poner la unidad vertical, tenga cuidado de no dañar el fusible provisto en la parte posterior.

- ② Inserte las dos asas entre la unidad y la manga tal como en la ilustración y desenganche los retenes de la manga.
- Retire la manga.

Nota: Después de instalar la unidad, asegúrese de guardar las asas para uso futuro

- 4 Instale la cubierta en el tablero de instrumentos.
 - Después de que la manga esté correctamente instalada en el tablero de instrumentos, doble las lengüetas correspondientes para sostener la manga firmemente en su lugar, tal como se muestra.
- 5 Fixe el perno de montaje ou la parte trasera del cuerpo de la unidad y coloque el cojín de goma sobre el extremo del
- 6 Realice las conexiones eléctricas requeridas en base a las explicaciones que figuran en la parte de atrás de estas instrucciones.
- 7 Deslice la unidad dentro de la manga hasta que quede
- 8 Coloque la placa de guarnición.
- 9 Coloque el panel de control

FRANÇAIS

Cet appareil est conçu pour fonctionner sur des sources de courant continu de 12 volts à masse NEGATIVE seulement.

INSTALLATION (MONTAGE DANS LE TABLEAU DE BORD)

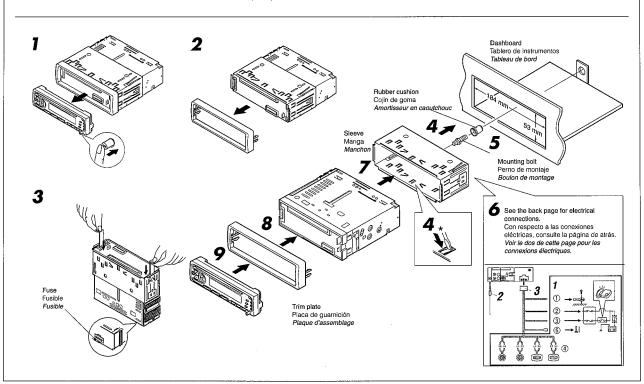
- L'illustration suivante est un exemple d'installation typique. Cependant, vous devez faire les ajustements correspondant à votre voiture particulière. Si vous avez des questions ou avez besoin d'information sur des kits d'installation, consulter votre revendeur d'autoradios JVC ou une compagnie
- 1 Avant le montage: Appuyer sur 📥 (touche de libération du panneau de commande) pour détacher le panneau de
- 2 Retirer la plaque d'assemblage.
- 3 Libérer les verrous du manchon et retirer le manchon.
- Poser l'appareil à la verticale.

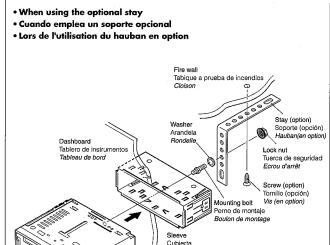
Remarque: Lorsque vous mettez l'appareil à la verticale, faire attention de ne pas endommager le fusible situé sur le fond

- 2 Insérer les 2 poignées entre l'appareil et le manchon comme indiqué pour désengagé les verrous de manchon.

Remarque: S'assurer de garder les poignées pour une utilisation ultérieur, après l'installation de l'appareil.

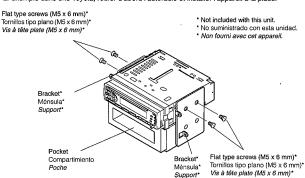
- 4 Installer le manchon dans le tableau de bord.
 - Après installation correcte du manchon dans le tableau de bord, plier les bonnes pattes pour maintenir fermement le manchon en place, comme montré.
- Monter le boulon de montage sur l'arrière du corps de l'appareil puis passer l'amortisseur en caoutchouc sur l'extrémité du boulon.
- 6 Réalisez les connexions électriques expliquées au dos de cette page.
- 7 Faire glisser l'appareil dans le manchon jusqu'à ce qu'il soit
- 8 Fixer la plaque d'assemblage.
- 9 Remonter le panneau de commande.





- When installing the unit without using the sleeve
- Instalación de la unidad sin utilizar la cubierta
- Lors de l'installation de l'appareil sans utiliser de manchon

In a Toyota for example, first remove the car radio and install the unit in its place. En un Toyota por ejemplo, primero extraiga la radio del automóvil y luego instale la unidad en su lugar. Par exemple dans une Toyota, retirer d'abord l'autoradio et installer l'appareil à la place.



Note: When installing the unit on the mounting bracket, make sure to use the 6 mm-long screws. If longer screws are used, they could damage the unit.

Nota: Cuando instala la unidad en la ménsula de montaje, asegúrese de utilizar los tornillos de 6 mm de longitud. Si se utilizan tornillos más largos, éstos pueden dañar la unidad.

Remarque: Lors de l'installation de l'appareil sur le support de montage, s'assurer d'utiliser des vis d'une longueur de 6 mm. Si des vis plus longues sont utilisées, elles peuvent endommager l'appareil.

Removing the unit

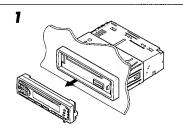
- · Before removing the unit, release the rear section.
- 1 Remove the control panel.
- 2 Remove the trim plate
- Insert the 2 handles into the slots, as shown. Then, while gently pulling the handles away from each other, slide out the unit. (Be sure to keep the handles after installing it.)

Extracción de la unidad

- Antes de extraer la unidad, libere la sección trasera
- 1 Extraiga el panel de control.
- 2 Retire la placa de guarnición.
- Inserte las 2 manijas entre las ranuras, como se muestra. Luego, separe gentilmente las manijas y extraiga la unidad. (Asegúrese de conservar las manijas después de instalarlo.)

Retrait de l'appareil

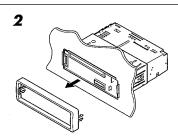
- Avant de retirer l'appareil, libérer la section arrière.
- 1 Retirer le panneau de commande.
- 2 Retirer la plaque d'assemblage
- Introduire les deux poignées dans les fentes, comme montré. Puis, tout en tirant doucement les poignées écartées, faire glisser l'appareil pour le sortir. (S'assurer de conserver les poignées après l'installation de l'appareil.)

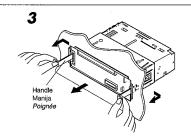


Sleeve

Cubierta

Trim plate Placa de quarnición





Parts list for installation and connection

The following parts are provided with this

Cordón de alimentación

Cordon d'alimentation

Handles Manijas

Poignées

Estuche duro

Etui de transport

After checking them, please set them

Lista de piezas para

instalación y conexión Con esta unidad se suministran las siguientes piezas.

Después de inspeccionarlas, colóquelas

Liste des pièces pour l'installation et raccordement

Les pièces suivantes sont fournies avec

cet appareil.

Après vérification, veuillez les placer correctement.



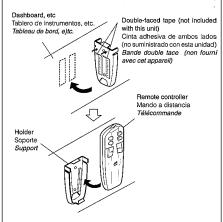
Lock nut (M5) Washer (ø5) Tuerca de seguridad (M5) Arandela (ø5) Ecrou d'arrêt (M5)

Mounting bolt (M5 x 20 mm) Perno de montaje (M5 x 20 mm) Boulon de montage (M5 x 20 mm)

Rubber cushion Cojín de goma ntisseur en caoutchoud



Installation: Remote Controller (FOR KD-SX830/S730) Instalación: Mando a distancia (PARA KD-SX830/S730) Installation: Télécommande (POUR LES KD-SX830/S730)



- Before attaching the double-faced tape, wipe and clean the place where you plan to attach it.
- Antes de adherir la cinta de doble cara, limpie el sitio de Aries de adment la contra de doble cara, limple el sitto de instalación con un paño.

 Avant d'attacher la bande double face, essuyez et nettoyez
- l'emplacement où vous proiettez de l'attacher.

ENGLISH

ELECTRICAL CONNECTIONS

To prevent short circuits, we recommend that you disconnect the battery's negative terminal and make all electrical connections before installing the unit. If you are not sure how to install this unit correctly, have it installed by a qualified technician.

This unit is designed to operate only on 12 volts DC, NEGATIVE ground electrical systems. If your vehicle does not have this system, a voltage inverter is required, which can be purchased at JVC car audio dealers.

- Replace the fuse with one of the specified rating. If the fuse blows frequently, consult your JVC car audio dealer.
 If noise is a problem...
- I hoise is a problem...

 This unit incorporates a noise filter in the power circuit. However, with some whicles, clicking or other unwanted noise may occur. If this happens, connect the unit's rear ground terminal (See connection diagram below) to the car's chassis using shorter and thicker cords, such as copper braiding or gauge wire. If noise still persists, consult your JVC car audio dealer.

 Maximum input of the speakers should be more than 40 watts at the rear and 40 watts at the front, with an impedance of 4 to 8 ohms. (FOR KD-SX830/S730)

 Maximum input of the speakers should be more than 35 watts at the rear and 35 watts at the front, with an impedance of 4 to 8 ohms. (FOR KD-S630)

 Be sure to ground this unit to the car's chassis.

 The heat sink becomes very hot after use. Be careful not to touch it when removing this unit.



ESPAÑOL

CONEXIONES ELECTRICAS

Para evitar cortocircuitos, recomendamos que desconecte el terminal negativo de la batería y que efectúe todas las conexiones eléctricas antes de instalar la unidad. Si usted no está seguro de correctamente la unidad, hágala instalar por un técnico cualificado.

Esta unidad está diseñada para funcionar con 12 voltios de CC, con sistemas eléctricos de masa NEGATIVA solamente. Si su vehículo no posee este sistema, será necesario un inversor de tensión, que puede ser adquirido en los concesionarios de JVC de equipos de audio para automóviles.

- Reemplace el fusible por uno con la corriente especificada. Si el fusible se quemase frecuentemente consulte con su concesionario de JVC de equipos de audio para automóviles. Si el ruido fuese un problema... Esta unidad tiene un filtro de ruido en el circuito de alimentación.
- Esta unidad liene un filtro de ruido en el circuito de alimentación. Sin embargo, en algunos vehículos, pueden producirse chasquidos u otros ruidos indeseados. En tal caso conecte el terminal de tierra posterior (Ver diagrama de conexión abajo.) del receptor ai chasis del automóvii, utilizando cordones más gruesos y cortos tales como alambre de cobre trenzado o de grueso calibre. Si el ruido persiste, consulte a su concesionario de JVC de equipos de audio para automóvii.

 La entrada máxima de los altavoces traseros debe ser mayor de 40 vatios y la de los delanteros de 40 vatios, con una impedancia de 4 a 8 ohmnios. (PARA KD-SX830)6730)

 La entrada máxima de los altavoces traseros debe ser mayor de 35 vatios y la de los delanteros de 35 vatios, con una impedancia de 4 a 8 ohmnios. (PARA KD-S630)

 Asegúrese de conectar esta unidad a tierra en el chasis del automóvil.

- automóvil.
- El sumidero térmico estará muy caliente después del uso. Asegúrese de no tocarlo al desmontar esta unidad.

FRANÇAIS

RACCORDEMENTS ELECTRIQUES

Pour éviter tout court-circuit, nous vous recommandons de débrancher la borne négative de la batterie et d'effectuer tous les raccordements électriques avant d'installer l'appareil. Si l'on n'est pas sûr de pouvoir installer correctement cet appareil, le faire installer par un technicien qualifié.

Remarque: Cet appareil est conçu pour fonctionner sur des sources de courant continu de 12 volts à masse NEGATIVE seulement. Si votre véhicule n'offre pas ce type d'alimentation, il vous faut un vouverusseur de tension, que vous pouvez acheter chez un revendeur d'autoradios JVC.

- Remplacer le fusible par un de la valeur précisée. Si le fusible saute souvent, consulter votre revendeur d'autoradios JVC.
- saule solveni, cuistini voire reveniden d'autoratios voc. Si le bruit est un problème... Cet appareil incorpore un filtre de bruit dans le circuit d'allimentation. Cependant, avec certains véhicules, quelques claquements ou autres bruits non désirés risquent de se produire. Si cèla arrive, raccorder la borne de masse arrière de l'appareil au châssis de la voiture (voir le schéma de raccordement cidessous) en utilisant des cordons les plus gros et les plus courts possibles telle qu'une barre de cuivre ou une tresse. Si le bruit persiste, consulter votre revendeur d'autoradios JVC.

 La puissance admissible des haut-parleurs doit être supérieure à 40 watts l'avant, avec une impédance de 4 à 8 ohms. (POUR LES KD-SX830/S730)

 La puissance admissible des haut-parleurs doit être supérieure à 35 watts à l'arrière et à 35 watts l'avant, avec une impédance de 4 à 8 ohms. (POUR LEK KD-S80)

 S'assurer de raccorder la mise à la masse de cet appareil au châssis de la voiture.

 Le radiateur devient très chaud après usage. Faire attention de ne pas le toucher en retirant cet appareil. Si cela arrive, raccorder la borne de masse arrière de l'appareil

A Typical Connections / Conexiones típicas / Raccordements typiques

Before connecting: Check the wiring in the vehicle carefully not to fail in connecting this unit. Incorrect connection may cause a serious damage to this unit.

- 1 Connect the colored leads of the power cord to the car battery. speakers and automatic antenna (if any) in the following
 - Black: ground
 - Yellow: to car bettery (constant 12V)
 - (3) Red: to an accessory terminal
 - Others (except blue with white stripe): to speakers
- Blue with white stripe: to automatic antenna
- 2 Connect the antenna cord.
- $m{3}$ Finally connect the wiring harness to the unit.

Antes de la conexión: Verifique atentamente el conexionado del vehículo para no cometer errores al conectar esta unidad. Una conexión incorrecta podría producir daños graves en la

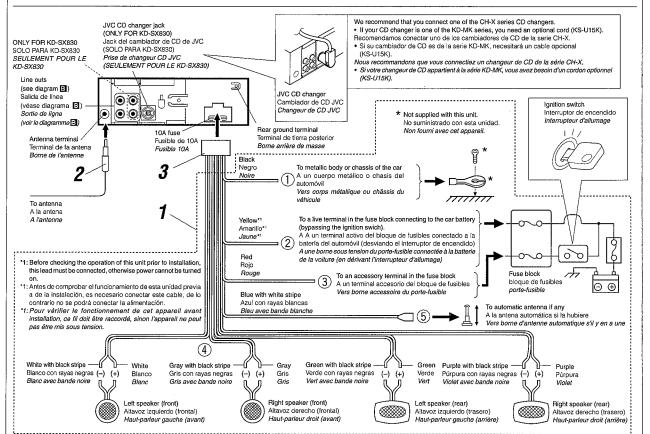
- 1 Conecte los conductores de color del cable de alimentación a la batería del automóvil, altavoces y antena automática (si
- la hubiere) en la secuencia siguiente.
 ① Negro: a tierra
 ② Amarillo: a la batería del automóvil (12V constantes)
 ③ Rojo: a un terminal de accesorio
- Otros, excepto azul con ravas blancas: a los altavoces Azul con rayas blancas: a la antena automática
- 2 Conecte el cable de antena.
- 3 Por último, conecte a la unidad el cableado preformado

Avant de commencer la connexion: vérifiez attentivement le câblage du véhicule pour ne pas connecter incorrectement cet appareil. Une connexion incorrecte peut endommager ieusement l'appareil.

- Connectez les fils de couleur du cordon d'alimentation à la batterie de la volture, aux enceintes et à l'antenne automatique (s'il y en a une) dans l'ordre suivant.

 ① Noir: a la masse
- Noir: a la masse
 Jaune: a la batterie de la voiture (12V constant)
 Rouge: à la prise accessoire
 Autres fils à l'exception du fil bleu à bandes blanches:

- Bleu à bandes blanches: à l'antenne automatique
- 2 Connectez le cordon d'antenne.
- 3 Finalement, connectez le faisceau de fils à l'appareil.



PRECAUTIONS on power supply and speaker

- . DO NOT connect the speaker leads of the power cord to the
- car battery; otherwise, the unit will be seriously damaged.

 Connect the black lead (ground), yellow lead (to car battery, constant 12V), and red lead (to an accessory terminal) correctly.
- constant 12V), and red lead (to an accessory terminal) correctly.

 BEFORE connecting the speaker leads of the power cord to
 the speakers, check the speaker wiring in your car.

 If the speaker wiring in your car is as illustrated in Fig. 1
 and Fig. 2 below, DO NOT connect the unit using that original
 speaker wiring. If you do, the unit will be seriously damaged.
 Redo the speaker wiring so that you can connect the unit to
 the speakers as illustrated in Fig. 3.

 If the speaker wiring in your car is as illustrated in Fig. 3,
 you can connect the unit using the original speaker wiring in
 your car.
- If you are not sure of the speaker wiring of your car, consult your car dealer



PRECAUCIONES sobre las conexiones de la

- fuente de alimentación y de los altavoces:

 NO conecte los conductores de altavoz del cable de alimentación a la batería de automóvil, pues podrían producirse
- amreniazioni a aderia de aducintovii, pues pocinal producirse graves daños en la unidad.

 Conecte correctamente el conductor negro (a tierra), el conductor amarillo (a la bateria del automóvil, 12V constantes), y el conductor rojo (a un terminal de accesorio).

 ANTES de conectar a los altavocs los conductores de altavoz del cable de alimentación, verifique el conexionado de altavoz del cable de alimentación, verifique el conexionado de altavoz.
- de su automóvil.
- Si el conexionado de altavoz de su automóvil es como se indica en las Figs. 1 y 2 de abajo, NO conecte la unidad utilizando ese conexionado de altavoz original. Si lo hace, se producirán daños graves en la unidad.
- Vuelva a efectuar el conexionado de altavoz de manera que
- vueiva a erectuar el conexionado de altavoz de manera que pueda conectar la unidad a los altavoces de la manera indicada en la Fig.3. SI el conexionado de altavoz de su automóvil es como se indica en la Fig.3, podrá conectar la unidad utilizando el conexionado de altavoz original de su automóvil. SI tiene dudas sobre el conexionado de altavoz de su automóvil. consulta como un consecipacio de altavoz de su
- automóvil, consulte con su concesionario



PRECAUTIONS sur l'alimentation et la

- connexion des enceintes:

 NE CONNECTEZ PAS les fils d'enceintes du cordon d'alimentation à la batterie; sinon, l'appareil serait sérieus endommagé.
- Connectez correctement le fil noir (a la masse), le fil jaune (a la batterie de la voiture,12V constant) et le fil rouge (à la prise
- accessoire). AVANT de connecter les fils d'enceintes du cordon
- le votre volture. Si le câblage des enceintes de votre voiture est réalisé comme montré sur la Fig. 1 ou Fig. 2 d-dessous, No CONNECTEZ PAS l'appareil en utilisant ce câblage original d'enceintes. Si vous le faites, l'appareil sera sérieusement accommad.
 - rendommagé.

 Recommencez le câblage des enceintes de façon que vous puissiez connecter l'appareil aux enceintes comme montré
- sur la Fig. 3.
 Si le câblage des enceintes de votre voiture est comme montré sur la Fig. 3, vous pouvez connecter l'appareil en utilisant ce câblage original d'enceintes pour votre voiture. Si vous n'étes pas surs du câblage d'enceintes de votre voiture, consulter le concessionnaire de votre voiture.



Connecting the leads / Conexión de los conductores / Raccordement des fils

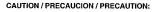
Twist the core wires when connecting Retuerza los alambres de alma pa

conectarlos.

Torsader les âmes des fils en les raccordant.



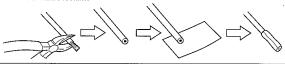
Solder the core wires to connect them securely Suelde los alambres de alma para conectarlos con firmeza. Souder les âmes desfils pour les raccorder entre eux de façon sûre.



- To prevent short-circuit, cover the terminals of the UNUSED leads with insulating
- tape.

 Para evitar cortocircuitos, cubra los cables NO UTILIZADOS con cinta aislante.

 Pour éviter les court-circuits, couvrir les bornes des fils qui ne sont PAS utilisés
- avec de la bande isolante



3 Connections Adding Other Equipment / Conexiones para añadir otros equipos / Raccordement pour ajouter d'autres appareils

Since this unit has line-out terminals, an amplifier and other

- clinical that may be used to upgrade your car stereo system.
 Connect the remote lead (blue with white stripe) to the remote lead of the other equipment so that it can be supplied the power
- For amplifier only:
 Connect this unit's line-out terminals to the amplifier's line-in terminals
- Disconnect the speakers from this unit, connect them to the amplifier. Leave the speaker leads of this unit unused. (Cover the terminals of the these unused leads with insulating tape, as illustrated above.)
- sistema estereofónico de su automóvil.
- Conecte el cable remoto (azul con rayas blancas) al cable remoto del otro equipo para que pueda suministrarse energía a través de esta unidad.
- Sólo para el amplificador.

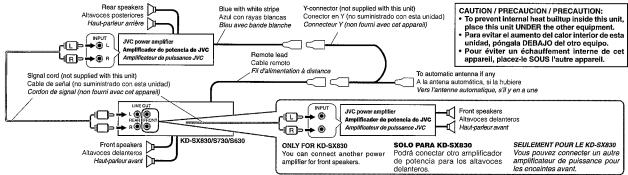
 - Conecte los terminales de salida de linea de esta unidad con los terminales de entrada de línea del amplificador.

 Desconecte los altavoces de esta unidad y conéctelos al amplificador. Los cables de los altavoces de esta unidad quedan sin usar. (Cubra los terminales de estos cables sin usar con cinta alslante, tal comose indica en la figura de
- Como esta unidad posee terminales de salida de linea, se puede Comme cet appareil a des bornes de sortie de ligne, un utilizar un amplificador u otro equipamiento para mejorar el amplificateur et d'autres appareils peuvent être utilisés pour améliorer votre chaîne stéréo automobile.
 - Connecter le fil d'alimentation à distance (bleu avec des bandes blanches) au fil d'alimentation à distance de l'autre appareil de facon qu'il puisse être alimenté par cet appareil.

 - Pour l'amplificateur seulement:

 Raccorder les bomes de sortie ligne de cet appareil aux bornes d'entrée ligne de l'amplificateur.
 - Déconnectez les enceintes de cet appareil et connectezles à l'amplificateur. Laissez les fils d'enceintes de cet appareil inutilisés. (Recouvrir les extrémités de ces fils inutilisés avec de la bande isolante comme montré cidessus.)

Amplifier / Amplificador / Amplificateur



TROUBLESHOOTING

- Are the red and black leads connected correctily?
- Power cannot be turned on.
- Is the yellow lead connected? No sound from the speakers.
- Is the speaker output lead short-circuited?
- Sound is distorted.
- * Is the speaker output lead grounded?
 * Are the "-" terminals of L and R speakers grounded in common?
- · Unit becomes hot.
- * Is the speaker output lead grounded?

 * Are the "-" terminals of L and R speakers grounded in common?

LOCALIZACION DE AVERIAS

- · El fusible se quema.
- ¿Están los conductores rojo y negro correctamente conectados?
- · No es posible conectar la alimentación. ¿Está el cable amarillo conectado?
- No sale sonido de los altavoces
- ¿Está el cable de salida del altavoz cortocircuitado? El sonido presenta distorsión.

- ¿Está el cable de salida del altavoz conectado a masa? ¿Están los terminales "-" de los altavoces L y R conectados a una masa común?
- · La unidad se calienta.
- ¿Está el cable de salida del altavoz conectado a masa?
- ¿Están los terminales "-" de los altavoces L y R conectados a una masa común?

EN CAS DE DIFFICULTÉS

- Le fusible saute.
 Les fils rouge et noir sont-ils racordés correctement?
- L'appareil ne peut pas être mise sous tension. Le fil jaune est-elle raccordée?
- Pas de son des haut-parleurs.
- * Le fil de sortie de haut-parleur est-il court-circuité?
- · Le son est déformé.
- Le son est detorme.

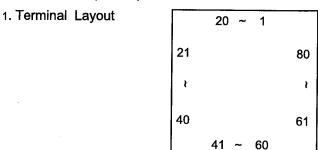
 Le fil de sortie de haut-parleur est-il à la masse?

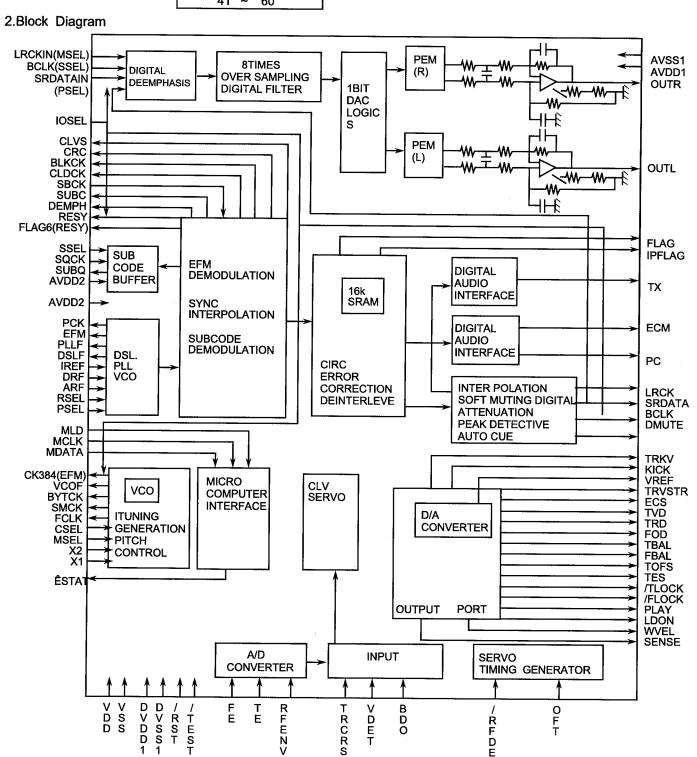
 Les bornes "—" des haut-parleurs gauche et droit sont-elles mises ensemble à la masse?
- L'appareil devient chaud.
- Le fil de sortie de haut-parleur est-il à la masse? Les bornes "--" des haut-parleurs gauche et droit sont-elles mises ensemble à la masse?

<< MEMO >>

Description of Major ICs

■ MN35510(IC561):DIGITAL SERVO & DIGITAL SIGNAL PROCESSOR





3. Description

Pin	escription	311		Pin				
No.	symbol	1/0	Description	No.	symbol	1/0	Description	
1	BCLK	0	Not used	41	TES	0	Tracking error shunt signal output(H:shunt)	
2	LRCK	0	Not used	42	PLAY	_	Not used	
3	SRDATA	0	Not used	43	WVEL	1	Not used	
4	DVDD1	-	Power supply (Digital)	44	ARF	1	RF signal input	
5	DVSS1	-	Connected to GND	45	IREF	-	Reference current input pin	
6	TX	0	Digital audio inter output	46	DRF		Bias pin for DSL	
7	MCLK	ı	μ com command clock signal input (Data is latched at signal's rising point)	47	DSLF	1/0	Loop filter pin for DSL	
8	MDATA	1	μ com command data input	48	PLLF	1/0	Loop filter pin for PLL	
9	MLD	_	μ com command load signal input	49	VCOF	_	Not used	
10	SENSE	0	Sense signal output	50	AVDD2		Power supply(Analog)	
11	FLOCK	0	Focus clock signal output Active :Low	51	AVSS2	-	Connected to GND(Analog)	
12	TLOCK	0	Tracking clock signal output Active :Low	52	EFM	1	Not used	
13	BLKCK	0	sub-code block clock signal output	53	PCK	-	Not used	
14	SQCK	1	Outside lock for sub-code Q resistor input	54	PDO	_	Not used	
15	SUBQ	0	Sub-code Q -code output	55	SUBC	1	Not used	
16	DMUTE	-	Connected to GND	56	SBCK	-	Not used	
17	STATUS	_	Status signal	57	VSS		Connected to GND(for X'tal cscillation	
L''		_	(CRC,CUE,CLVS,TTSTOP,ECLV,SQOK)	٥,	V 00		circuit)	
18	RST	1	Reset signal input (L:Reset)	58	XI	-	Input of 16.9344MHz X'tal oscillation circuit	
19	SMCK	_	Not used	59	X2	0	Output of X'tal oscillation circuit	
20	PMCK	_	Not used	60	VDD	_	Power supply(for X'tal cscillationcircuit)	
21	TRV	0	Traverse enforced output	61	BYTCK	_	Not used	
22	TVD	0	Traverse drive output	62	CLDCK	_	Not used	
23	PC	_	Not used	63	FLAG	_	Not used	
24	ECM	0	Spindle motor drive signal (Enforced mode output) 3-State	64	IPPLAG	_	Not used	
25	ECS	0	Spindle motor drive signal (Servo error signal output)	65	FLAG	_	Not used	
26	KICK	0	Kick pulse output	66	CLVS	_	Not used	
27	TRD	0	Tracking drive output	67	CRC	_	Not used	
28	FOD	0	Focus drive output	68	DEMPH		Not used	
29	VREF		Reference voltage input pin for D/A output block (TVD,FOD,FBA,TBAL)	69	RESY	_	Not used	
30	FBAL	0	Focus Balance adjust signal output	70	IOSEL	L=	pull up	
31	TBAL	0	Tracking Balance adjust signal output	71	TEST	L-	pull up	
32	FE	T	Focus error signal input(Analog input)	72	AVDD1	<u> </u>	Power supply(Digital)	
33	TE	-	Tracking error signal input(Analog input)	73	OUT L	0	Lch audio output	
34	RF ENV	1	RF envelope signal input(Analog input)	74	AVSS1	L	Connected to GND	
35	VDET	1	Vibration detect signal input(H:detect)	75	OUT R	0	Rch audio output	
36	OFT	ī	Off track signal input(H:off track)	76	RSEL	<u> </u>	pull up	
37	TRCRS	1	Track cross signal input	77	CSEL	_	Connected to GND	
38	RFDET	1	RF detect signal input(L:detect)	78	PSEL	_	Connected to GND	
39	BDO	-	BDO input pin(L:detect)	79	MSEL	_	Connected to GND	
40	LDON	0	Laser ON signal output(H:on)	80	SSEL	1-	Pull up	
		لــــــا		L			1	

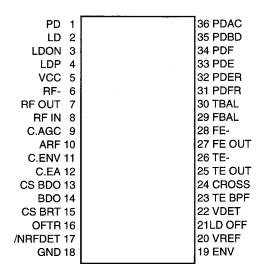
■ IC601: LC72P366(CPU) Terminal's Function Table

2.Terminal Function

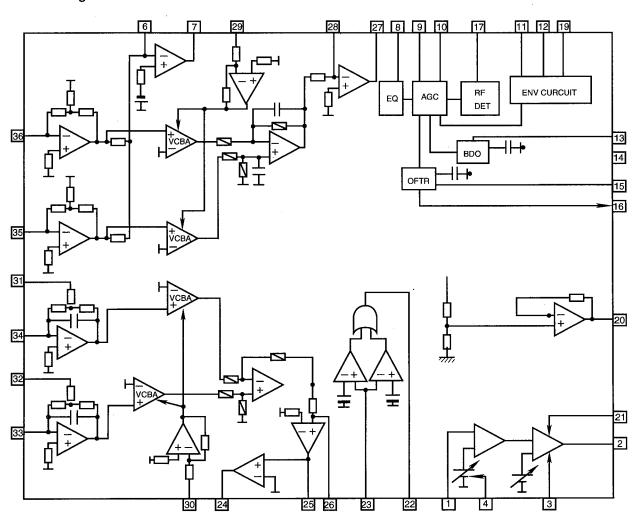
Pin No	·	1/0		Pin No	Symbol	1/0	Function
1	XIN	ļ	4.5MHz crystal oscillation connection pin.	41	CD ON	0	CD power supply on ("H": 8V,"L": 0V)
2		<u> -</u>	Non connection	42	RELAY	0	5V power control
3		-	Non connection	43	POWERCONT	-	Non connection
4			Non connection	44		-	Non connection
5		<u> -</u> _	Non connection	45		-	Non connection
6			Non connection	46	SW1	1	Disc in detecting switch input. (8cm disc detect)
7	SUBQ	1	CD Lsi Sub-code Q-codedata input (to IC651 pin14)	47	SW3	1	Disc existence detecting switch input (Loading finish detect)
8		<u> -</u>	Non connection	48	RESETSW	1	Rest switch input
9	SQCK	0	CD Lsi Sub-code clock	49		-	Non connection
10	/RESET	0	Micon reset pin	50		-	Non connection
11			Non connection	51	CDSENSE	1	Sense signal input from CD Lsi.
12		-	Non connection	52	STATAS	1	Status signal input
13		-	Non connection	53	P.SAVE2	1	Power save 2 detecting input
14	LCDCE	0	Chip enable signal output for LCD driver	54	SO/ST		Station detection("H": found)/Stereo indication("L":Stereo)
15		-	Non connection	55		-	Non connection
16		-	Non connection	56		-	Non connection
17		-	Non connection	57	BAND	0	FM/AM band selection ("H":FM , "L":AM)
18		-	Non connection	58	/MONO	0	FM mono control signal output("H":mono)
19	LMO	0	Loading motor control signal output (FWD)	59	IFRQ/ABC		During FM auto search,IF reguest output "H" after SD detected.
20	LM1	0	Loading motor control signal output (REW)	60	/MUTE	0	Muting switch
21		-	Non connection	61		-	Non connection
22			Non connection	62	SMETER	1	S.meter input
23		-	Non connection	63	KEYCHANGE	_	AD Key select ("H" :Normal, "L":Test)
24	KS2	0	Initial setting diode matrix output pin 2	64	KEY2	1	KEY AD input pin 2
25	KS1	0	Initial setting diode matrix output pin 1	65	KEY1	ı	KEY AD input pin 1
26	KS0	0	Initial setting diode matrix output pin 0	66	KEY0	ī	KEY AD input pin 0
27	DETACH	1	Remove the front panel detecting input	67	P.SAVE1		Power save 1 detecting input
28		-	Non connection	68	SENSE	0	Sense signal output
29		-	Non connection	69			Non connection
30		_	Non connection	70	FMIFCOUT		FM IF count signal input
31		-	Non connection	71			Non connection
32	SW2	1	Detect switch for 12cm disc input	72		-	Non connection
33	Lsi reset	0	CD Lsi reset signal output	73	Vdd		Power source pin
34	MCLK	0	CD Lsi command clock signal output	74			Non connection
35	MDATA	0	CD Lsi command data output	75	FMOSC		FM local oscillator signal input
36	MLD	0	CD Lsi command load signal output	76	Vss	- 1	Connected to GND
37		-	Non connection	77	NC		Non connection
38		-	Non connection	78	ERROROUT	_	PLL error signal output
39	SCL	0	E.volume clock signal output	79	GND		Test pin (To GND)
ю	SDA	_	E.volume data signal output	80	XOUT	-	4.5MHz crystal oscillator connection pin.

■ AN8806SB(IC601):RF&SERVO AMP

1.Terminal Layout



2.Block Diagram



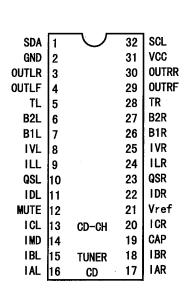
3. Functions

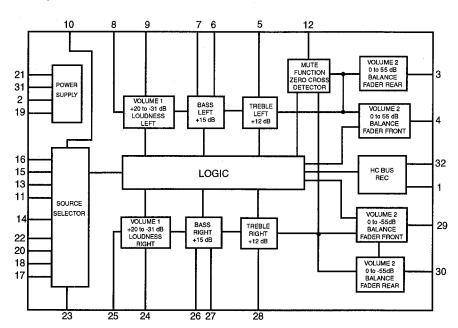
Pin No.	Symbol	1/0	Functions and operations
1	PD	1	APC amp input terminal
2	LD	0	APC amp output terminal
3	LD ON	1	APC ON/OFF control terminal
4	LDP		Connect to ground
5	VCC		Power supply
6	RF-		Inverse input pin for RF amp
7	RF OUT	0	RFamp output
8	RF IN	1	RF input
9	C.AGC	1/0	Connecting pin of AGC loop filter
10	ARF	0	RF output
11	C.ENV	1/0	A capacitor is connected to this terminal to detect the envelope of RF signal
12	C.EA	1/0	A capacitor is connected to this terminal to detect the envelope of RF signal
13	CS BDO	1/0	A capacitor is connected to detect the lower envelope of RF signal
14	BDO	0	BDO output pin
15	CS BRT	1/0	A capacitor is connected to detect the lower envelope of RF signal
16	OFTR	0	Of-track status signal output
17	/NRFDET	0	RF detection signal output
18	GND		Ground
19	ENV	0	Envelope output
20	VREF	0	Reference voltage output
21	LD OFF		Connect to ground
22	VDET	0	Vibration detection signal output
23	TE BPF	1	Input pin of tracking error through BPF
24	CROSS	0	Tracking error cross output
25	TE OUT	0	Tracking error signal output
26	TE-	1	Inverse input pin for tracking error amp
27	FE OUT	0	Output pin of focus error
28	FE-	1	Inverse input pin for focus error amp
29	FBAL		Focus balance control
30	TBAL	ı	Tracking balance control
31	PDFR	1/0	F I-V amp gain control
32	PDER	1/0	E I-V amp gain control
33	PDF	ı	I-V amp input
34	PDE	ı	I-V amp input
35	PD BD	1	I-V amp input
36	PD AC		I-V amp input

■ TEA6320T (IC301) : E. VOLUME

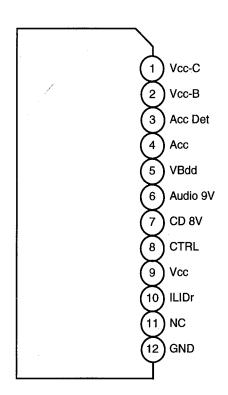
1.Terminal Layout

2.Block Diagram

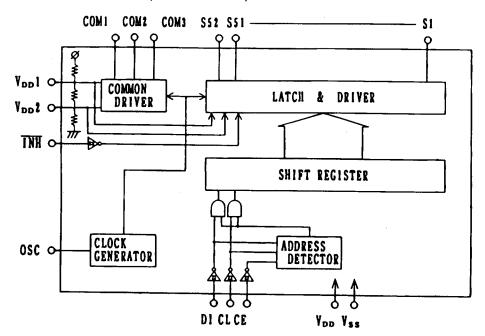




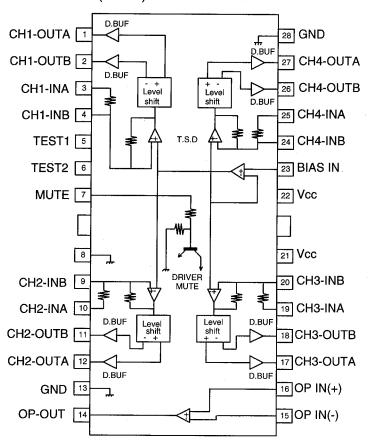
■ IC901:BA4901 (REGULATOR)



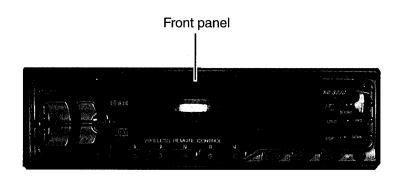
■ IC951: LC75823E (LCD DRIVER)

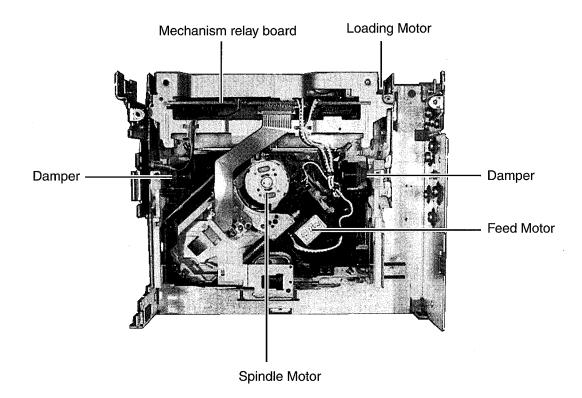


■ BA6898FP(IC541) 4channel driver

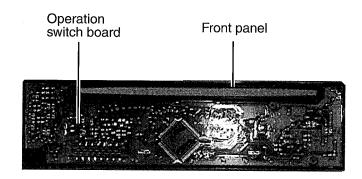


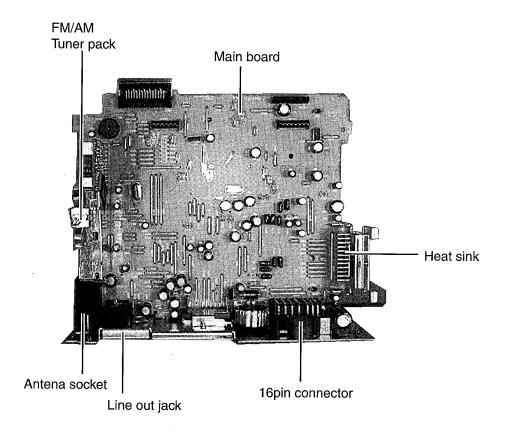
Location of Main Parts





Location of Main Parts





Removal of Main Parts

- Detaching the front Panel Unit (See Fig-1)
 De press the release button in the direction shown to detach the front panel unit.
- Removing the front chassis (See Fig.2)
 - 1.Release the two catch on the right side of unit and pull the front chassis foward to remove it.
 - 2.Release the two catch on the left side of unit and pull the front chassis forward to remove it.

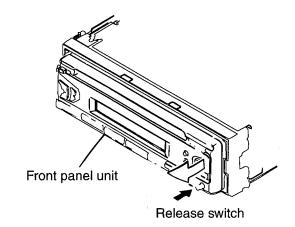


Fig.1

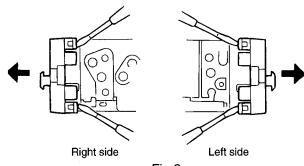


Fig.2

- Removing the heat sink (See Fig.3)
 - 1.Locate the heat sink side of the unit .
 - 2.Remove three screws ① retaining the heat sink.

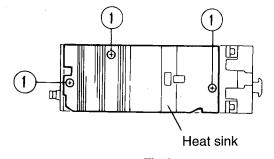


Fig.2

 Removing the bottom cover (See Fig.4)
 Turn the unit upside down then insert and twist the screw driver to remove the bottom cover.

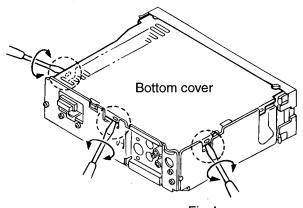


Fig.4

- Removing the main board (See Fig.5,Fig.6)
 - 1.Remove two screws ② retaining the main board.
 - 2.Locate the rear side of the unit.
 - 3.Remove the three screws ③ retaining the rear bracket.
 - 4.Lift up the main board to remove it, at this time remove the connections CN501 and CN502 connecting the main board and CD mechanism assembly.

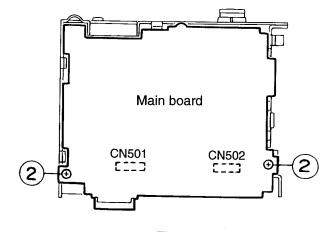


Fig.5

Removing the CD mechanism assembly (See Fig.7)
Remove three screws ④ retaining the CD mechanism assembly from the top cover.

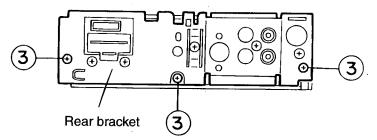
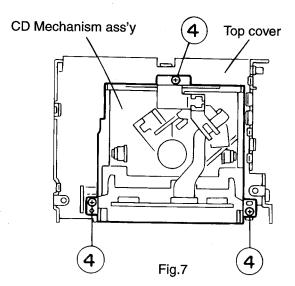


Fig.6

- Removing the operation switch board (See Fig.9)
 - 1.Locate the rear side of the front panel unit.
 - 2.Remove four screws ⑤ retaining the rear cover.
 - 3.Remove the operation switch board off on the front Panel.



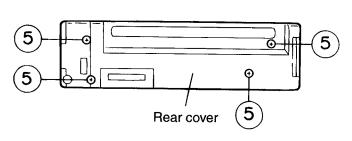


Fig.8

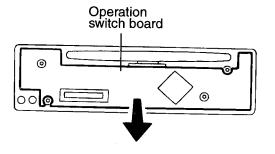


Fig.9

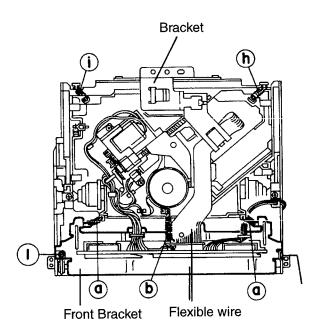
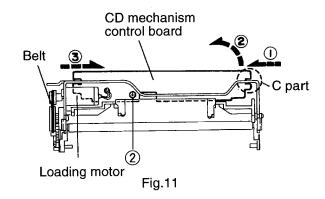


Fig.10

[CD Mechanism Section]

- Removing the CD mechanism control P.C.board
 - 1.Remove the CD mechanism assembly (See "Removing the CD mechanism assembly").
 - 2.Remove the three springs (a) and (b) from behind the CD mechanism assembly (See Fig. 10).
 - 3.Disconnect the flexible wire connected to the connector on the CD mechanism control P.C.board (See Fig.10).
 - 4.Remove the one screw ② retaining the CD mechanism control P.C.board(See Fig. 11).
 - 5. After disengaging the engagement between the notch section © and frame,remove the CD mechanism Control P.C .board successively from ① through to ③ in the arrow direction as shown in Fig. 11.
- CAUTION: Whenever the flexible wire is disconnected, be sure to remove the soldering in advance as shown in Fig.12. Otherwise, the CD mechanism assembly can possibly be damaged.
 - 6.Remove the two screws ① retaining the front bracket for fixing the CD mechanism control P. C. board(See Fig.10 or 13).
 - CAUTION:Remove the front bracket from the frame while expanding both sides of the frame as shown in Fig.14





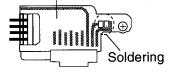


Fig.12

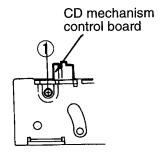


Fig.13

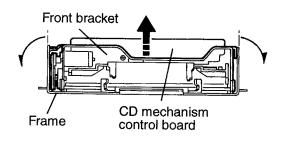


Fig.14

■ Removing the loading motor

- 1.Remove the belt from the loading motor (See Flg.14 and Fig.15)
- 2.Remove the one screw ③ retaining the loading motor(See Fig.15)

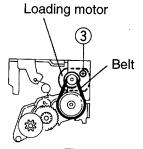
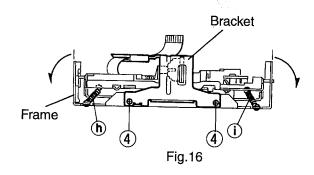


Fig.15

Removing the CD mechanism assembly

- 1.Remove the two screws ④ retaining the bracket for fixing the damper(See Fig.16)
- 2.When shining the fix plate on the right and left Sides respectively to the arrow direction, lower the entire CD mechanism. When the shafts(①, ②, ①, ① and ②) on both the right and left sides have been set free as shown in Fig.17 and Fig.18,then the assembly can be removed easily.Remove the two screws ⑤ retaining the rear damper bracket to make it easier to remove the damper from the rear damper bracket(See Fig.10, Fig.17 and Fig.18).
- 3.Remove the two springs (h) and (i) as shown in Fig.10 and Fig 16.
- 4.While removing the right and left sides of the rear damper brackets and dampers While expanding both sides of the CD mechanism, disassemble the entire CD mechanism.



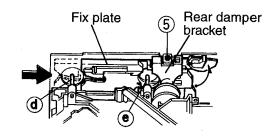
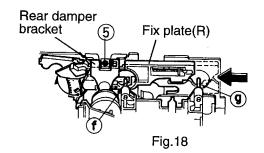


Fig.17



- 5. While tuning the pickup gear in the arrow direction as shown in Fig.20, shift the entire pickup unit.
- 6.Remove the three screws **(6)** retaining the feed motor assembly and take out this motor assembly (See Fig.19).
- 7. While pressing and expanding the spring section holding the FD screw in the arrow direction, remove the FD screw and dismount the pickup unit(See Fig.21).
- 8.By removing the two screw ⑦ retaining the pickup unit, dismount the nut push spring plate and pickup mount nut (See Fig.22).
- 9.Remove the FD screw from the pickup unit (See Fig.22).

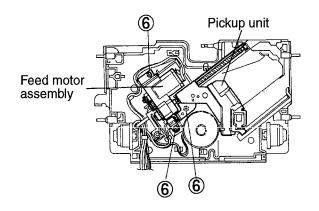


Fig.19

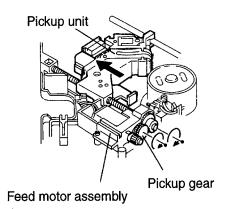


Fig.20

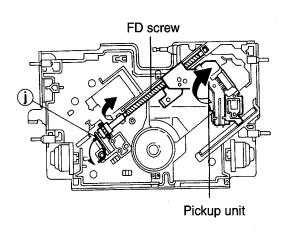
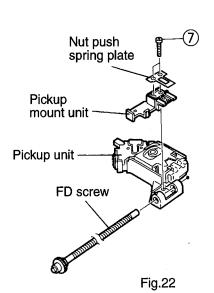
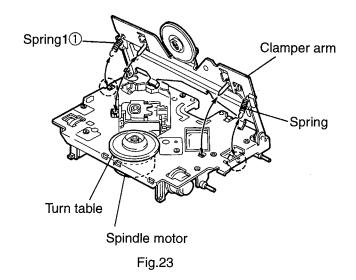
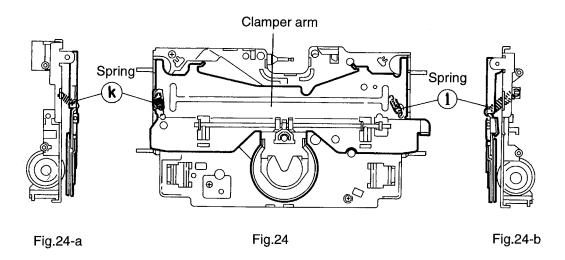


Fig.21







Removing the spindle motor

- 1. After turning back the CD mechanism to initial position, remove the two springs (k) and (i) on both the right and left sides of the clamper arm(See Fig.23 and Fig.24).
- 2. While turning the turn table, remove the two screws [®] retaining the spindle motor and take out the spindle motor (See Fig.25).

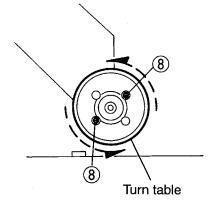


Fig.25

Main Adjustment

- Test Instruments reqired for adjustment
 - 1. Digital osc cosilloscope (100MHz)
 - 2. AM Standard signal generater
 - 3. FM Standard signal generaler
 - 4. Stereo modulator
 - 5. Electric voltmeter
 - 6. Digital tester
 - 7. Tracking offset meter
 - 8. Test Disc JVC :CTS1000
 - 9. Extension cable for check EXTGS003-14P × 2

Standard volume position

Balance and Bass &Treble volume: Indication"0"

Loudness: 0ff

Setting of reference frequency of SSG

AM mode: 600kHZ/62dB-INT/400Hz,30% modulation

Signal on

FM mode: 97.9MHZ/66dB/INT/400Hz/22.5kHz deviation

pilot 7.5kHz dev.

Dummy load

Exclusive dummy load should be used for AM, and FM. For FM dummy load, there is a loss of 6dB between SSG output and antenna input. The loss of 6dB need not be considered since direct reading of figures are applied in this working standard.

Standard measuring conditions

Power supply voltage DC14.4V(10.5~16V)

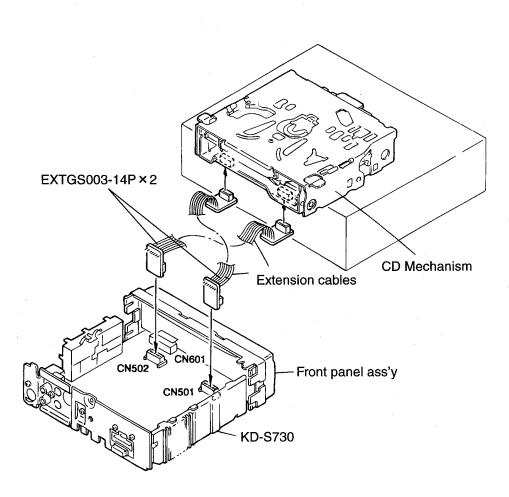
Load impedance

 4Ω (2 Speakers connection)

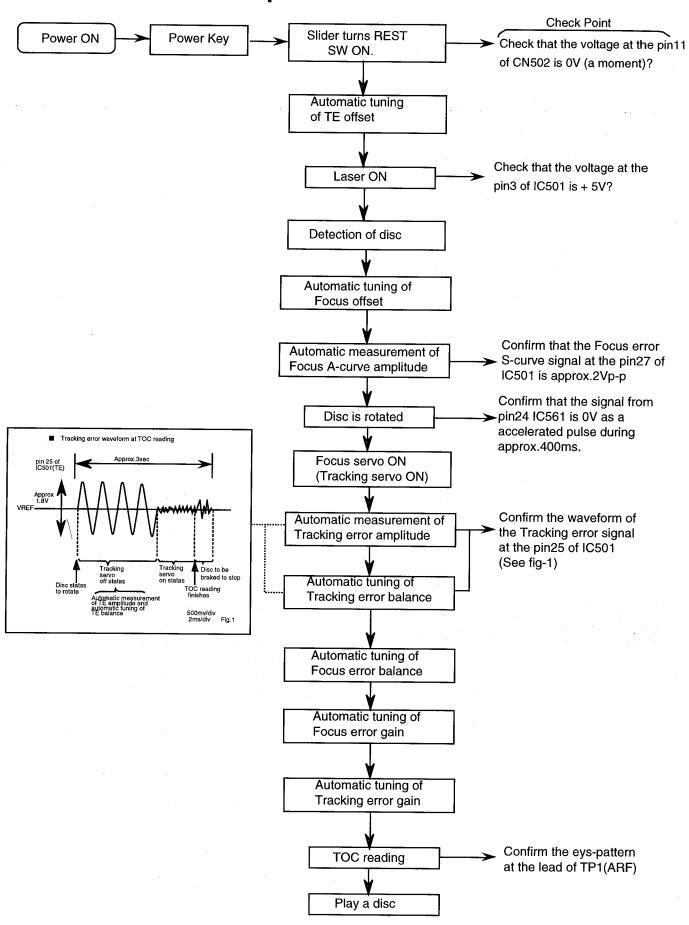
Line out

20kΩ

How to connect the extension cable for adjusting

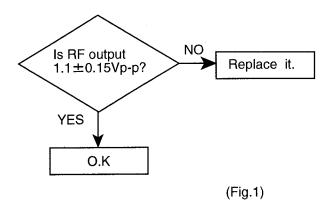


Flow of Functional Operation Until TOC Read



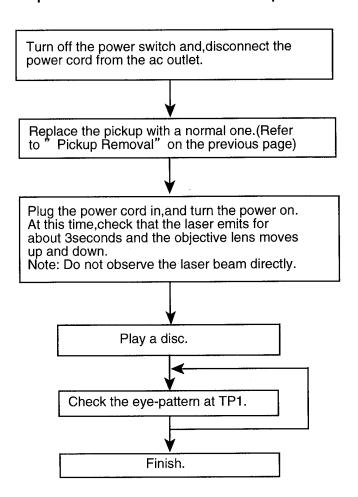
Maintenance of Laser Pickup

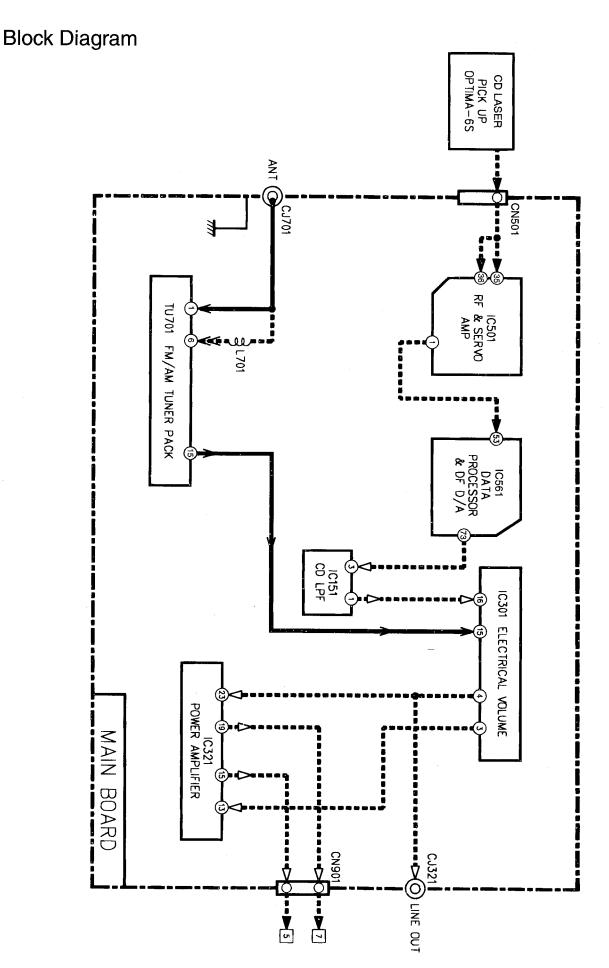
- Cleaning the pick up lens
 Befor you replace the pick up, please try to
 clean the lens with a alcohol soaked cotton
 swab.
- (2) Life of the laser diode (Fig.1) When the life of the laser diode has expired, the following symptoms wil appear.
- (3) The level of RF output (EFM output:ampli tude of eye pattern) will be low.



(3) Semi-fixed resistor on the APC PC board
The semi-fixed resistor on the APC printed
circuit board which is attached to the pickup
is used to adjust the laser power. Since this
adjustment should be performed to match the
characteristics of the whole optical block,
do not touch the semi-fixed resistor.
If the laser power is lower than the specified
value, the laser diode is almost worn out, and
the laser pickup should be replaced.
If the semi-fixed resistor is adjusted while
the pickup is functioning normally, the laser
pickup may be damaged due to excessive current.

Replacement of Laser Pickup





<<MEMO>>

6

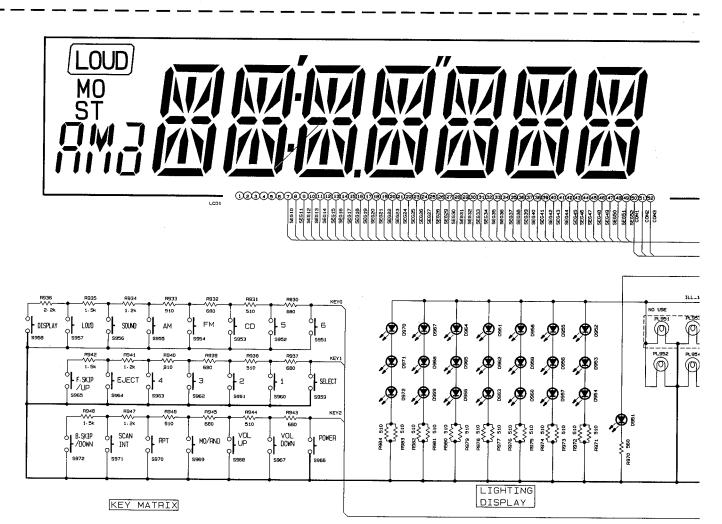
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4

3

,

1



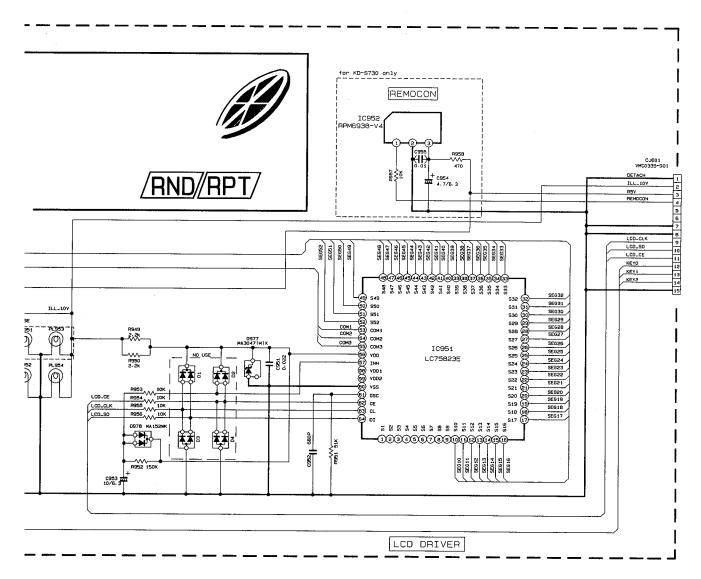
FRONT CIRCUIT BOARD SI

A B C

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Ε

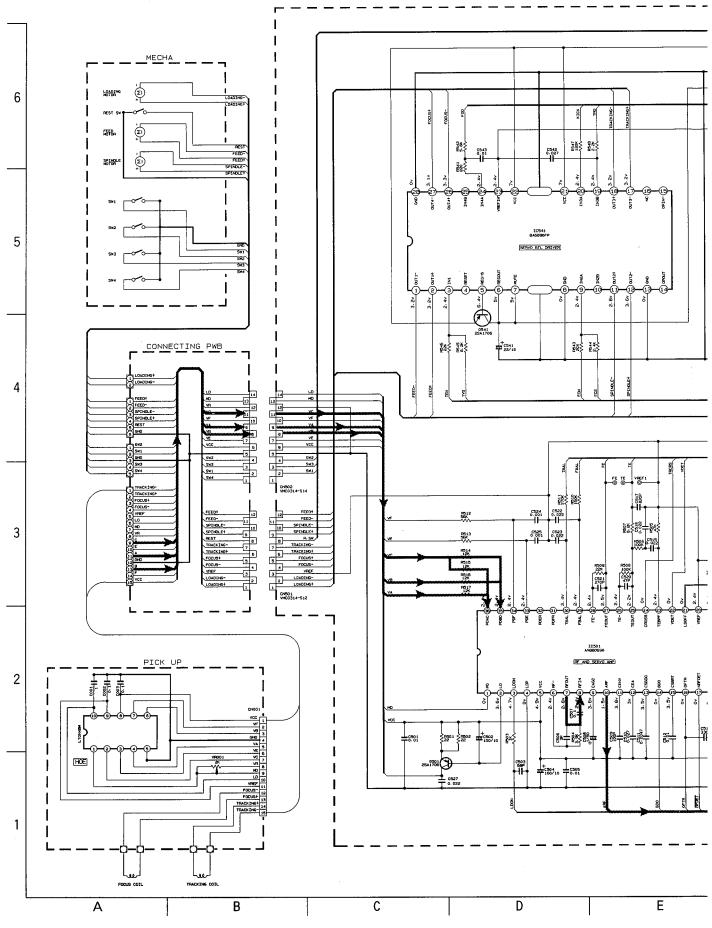
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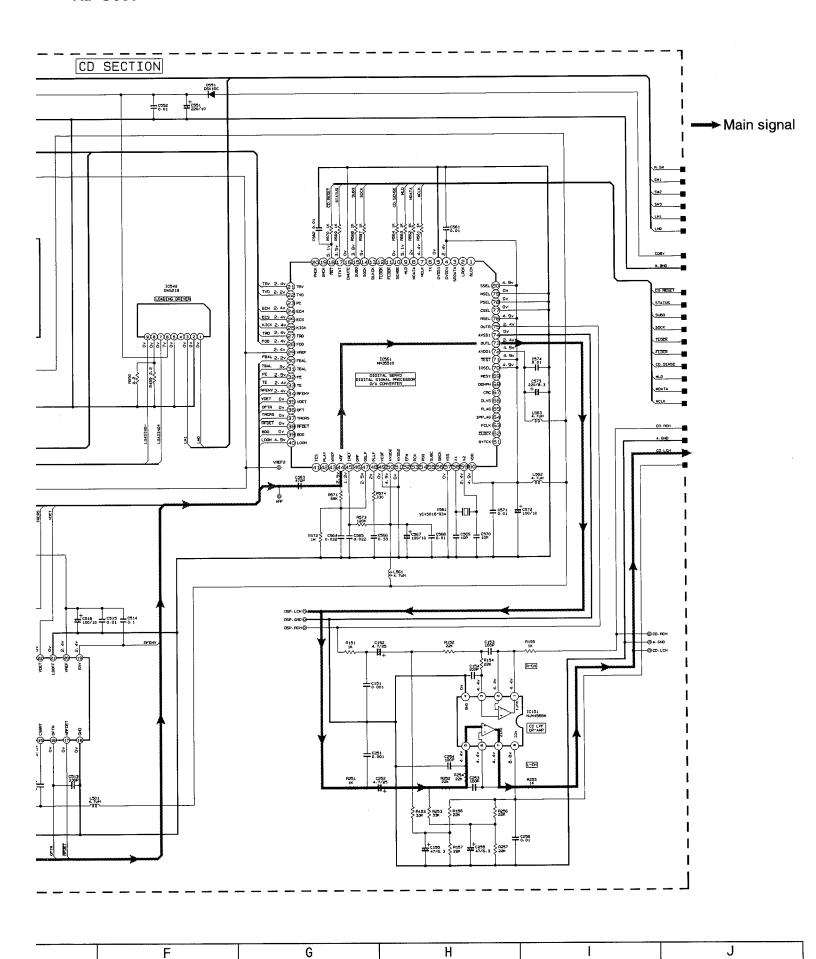


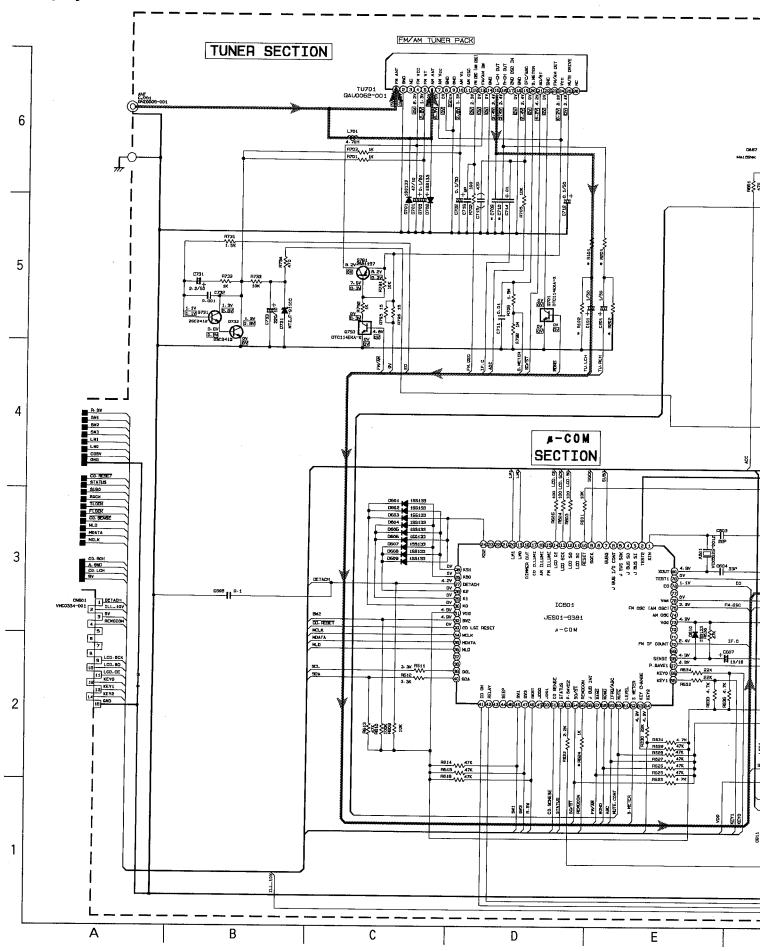
RD SECTION

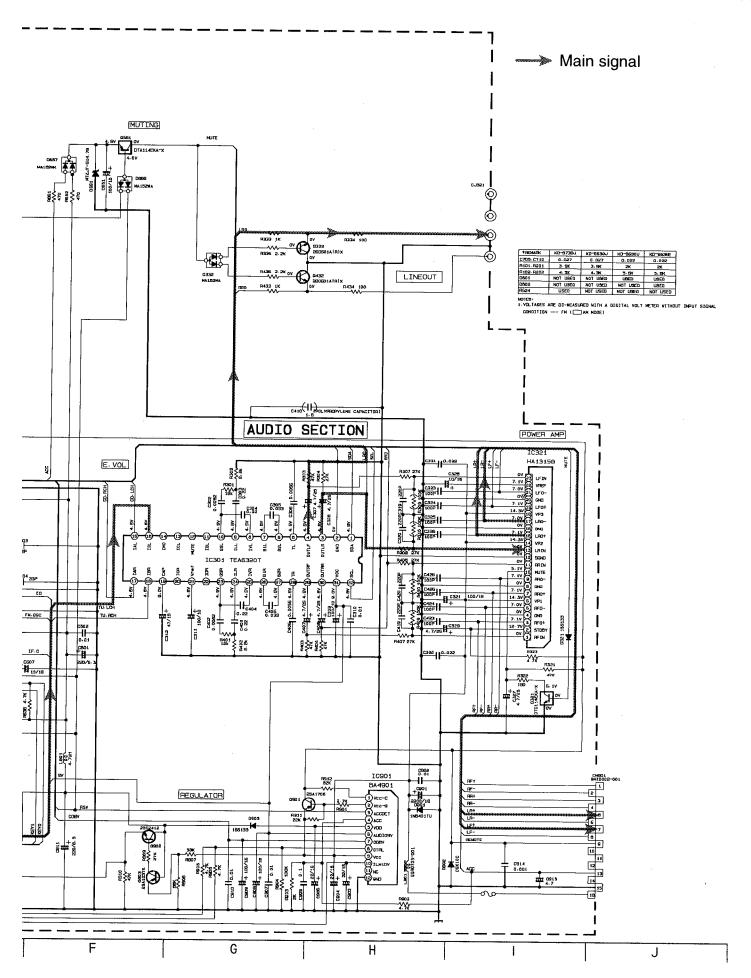
AEF. NO.	PART NO.
5951 - 5972	NSW0039-001X
0952 - 0972	SML-210FT/JKL/W
0951	SML-210LT/LM/-X
PL952: PL954	KD-S730J/KD-S630J-U GLL0033-001
PC352, PC354	KD-\$636E QLL0024-001
LCD1	KD-5730J/KD-5630J. U QLD0032-001
	KD-S636E QLD0035-001

■CD Servo Control Circuit





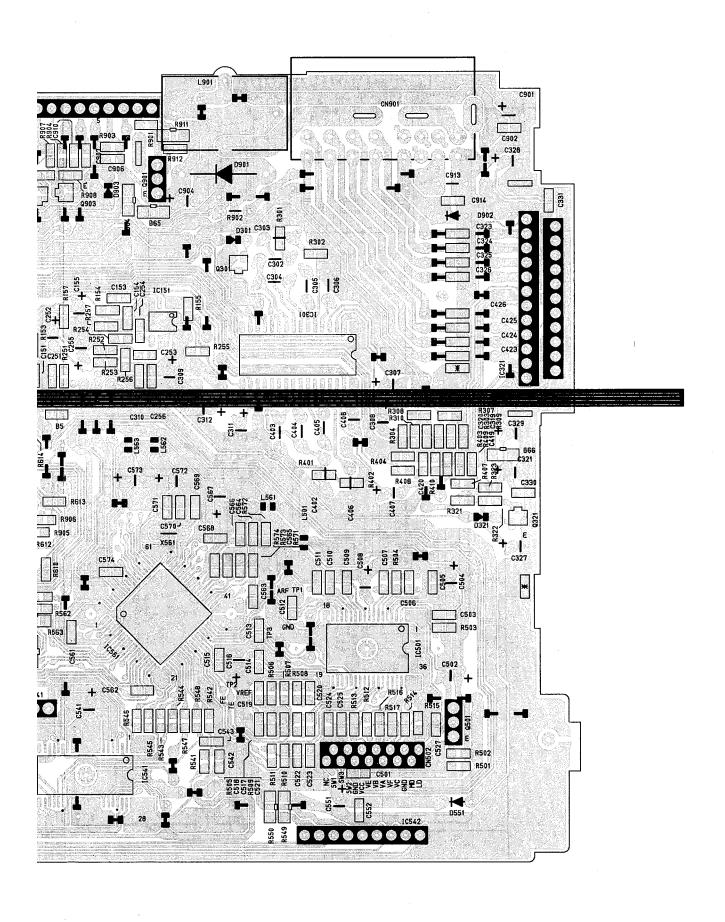




■ Main Board



F

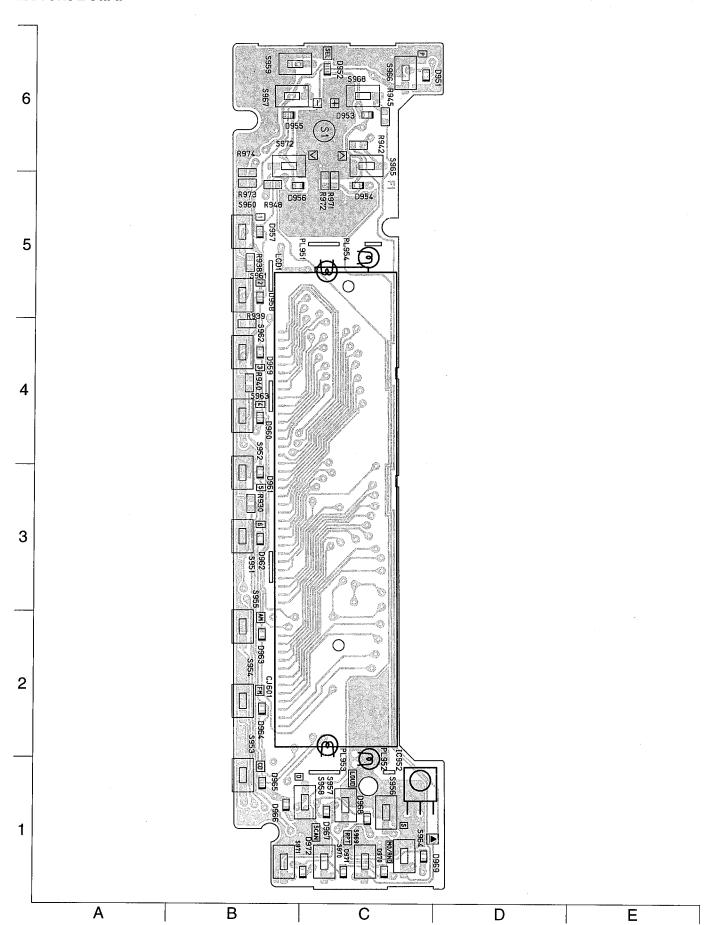


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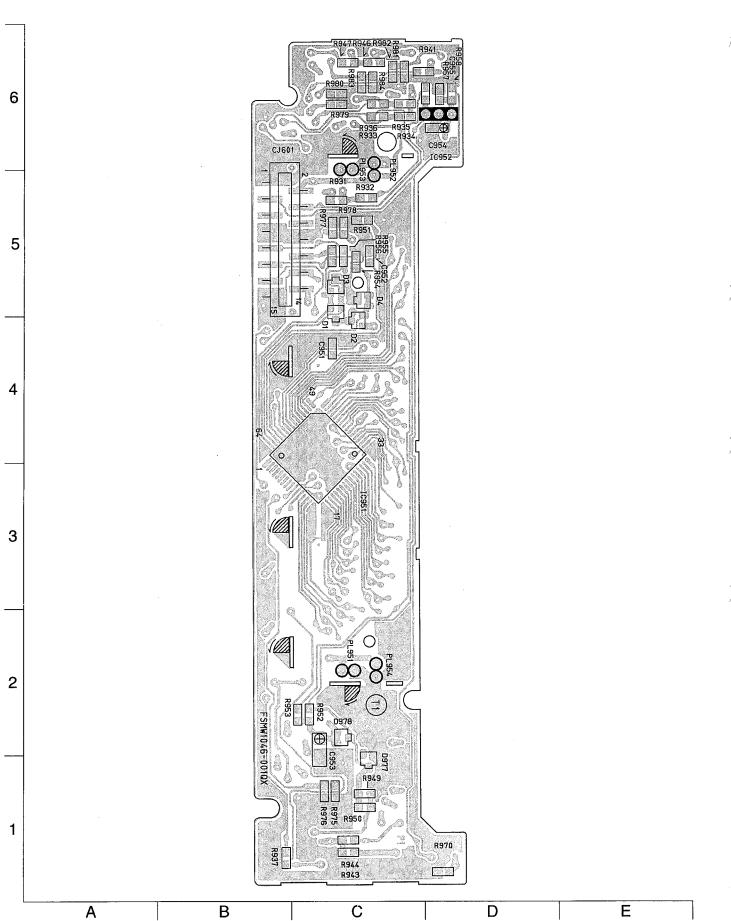
G

J

■ Front Board



■ Front Board



PARTS LIST

[KD-S730/KD-S630]

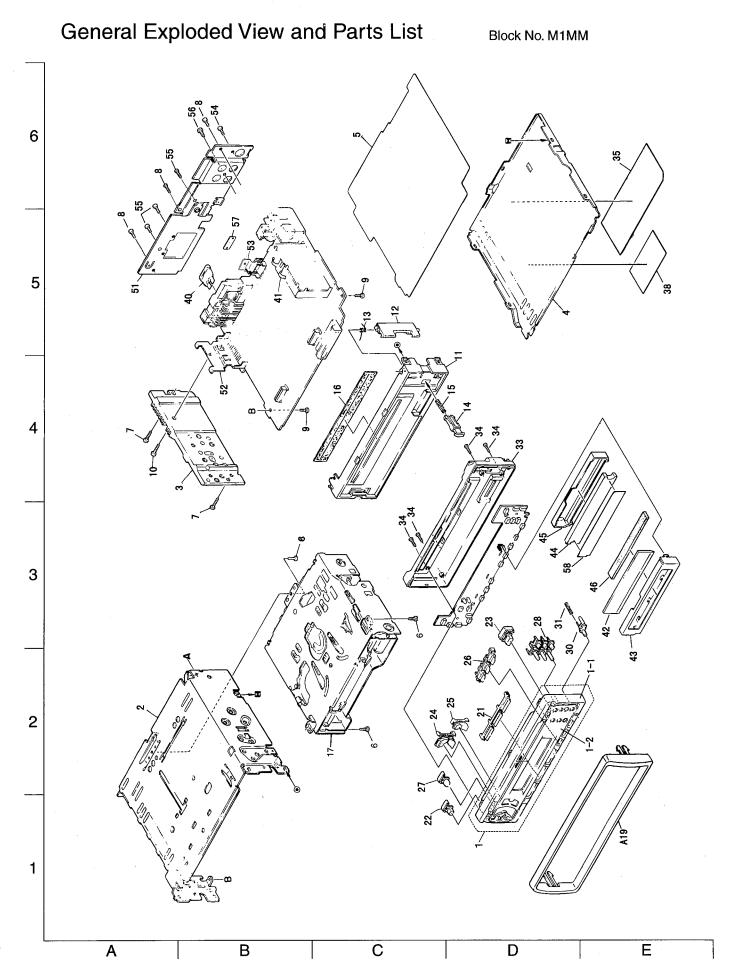
* All printed circuit boards and its assemblies are not available as service parts.

The Marks for Designated Areas

J ---- the U.S.A C ---- Canada

- Contents -

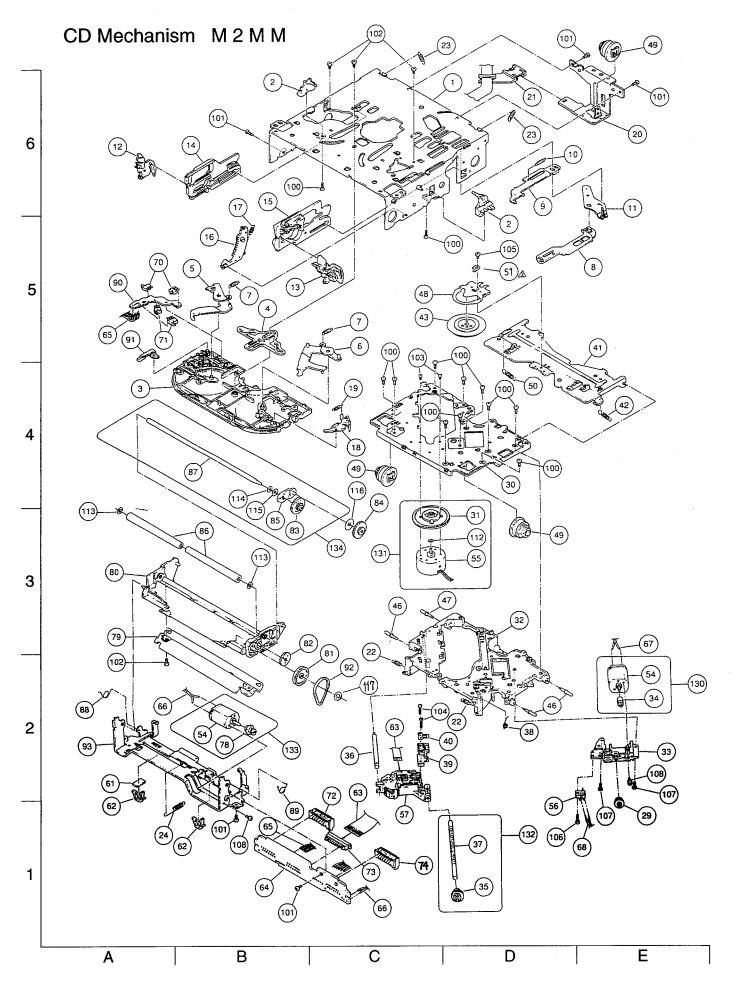
General Exploded View and Parts List	3-2
CD Mechanism Ass'y and Parts List	3-4
Electrical Parts List	•
Main P.C.B	3-7
Front P.C.B	
Packing Materials and Accessories List	3-12



■ Parts List

1 №	٧М		
	1	1 MM	1 MM

		r		BLOCK NO. MIN	للللللا		
Δ	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
H	1	ZCKDS630J-NPA	NOSE PIECE	KD-S630 ONLY	1		
	_	ZCKDS730J-NPA	NOSE PIECE	KD-S730 ONLY	1 1		
	1 – 1	FSJC1034-001	FRONT PANEL	NO 3730 UNLT	1 1		
		FSJD3010-00A	FINDER ASS'Y	KD-S730 ONLY	1 [1
	1 2	FSJD3010-00C	FINDER ASS'Y	KD-S630 ONLY	1		
H	2	FSJC1029-001	TOP CHASSIS	KD-2020 UNL 1	1		
	3	FSMH3001-002	HEAT SINK		1		
1	4				1		Í
П	5	FSKM3011-001	BOTTOM COVER		1		
	6	FSMA3004-003	INSULATOR		1		
H	7	SDST2604Z	SCREW	CHASSIS+MECHA B	3		
1		FSKZ4005-001	SCREW	CHASSIS+SIDE PA	2		ľ
	8	SDST2606Z	SCREW	CHASSIS+REAR BK	3		
	9	SDST2606Z	SCREW	CHASSIS+MAIN PW	2		Ì
	10	FSKZ4005-001	SCREW	SIDE PANEL+IC B	1		
Ш	11	FSJC2010-002	FRONT CHASSIS		1		
	12	FSKS3004-001	LOCK LEVER		1		
	13	FSKW4005-003	TORSION SPRING	FOR LOCK LEVEL	1		
	14	FSXP3026-002	RLS KNOB		1		
	15	FSKW3002-004	COMP.SPRING	1	1		
Ц	16	FSPK3009-001	BLIND		1		
	17		CD MECHA		1		
	21	FSXP2025-001	PRESET BUTTON		1 1		
	22	FSXP3044-001	POWER BUTTON		1 1		
	23	FSXP3043-001	EJECT BUTTON		1 1		
	24	FSXP2033-001	+/- BUTTON		1		
Т	25	FSXP2026-002	UP/DOWN BUTTON		1 1		
	26	FSXP2029-002	D.FUNC BUTTON		1 1		
	27	FSXP3040-001	SELECT BUTTON		1 1		
	28	FSXP2030-001	PUSH BUT(SLANT)	6-IN-1	1		1
	30	FSXP3049-001	DETACH BUTTON	" 1	1		
	31	FSKW3002-008	COMP.SPRING	FOR DETACH BUTT	1 1		
ŀ	33	FSJC1035-001	REAR COVER	TON DETROIT BOTT	1 1		
	34	VKZ4777-001	MINI SCREW		4		
j	35	FSYN3032-006	NAME PLATE	KD-S730 ONLY	1 1		
		FSYN3038-006	NAME PLATE	KD-S630 J/C	1		
+		FSYN3038-007	NAME PLATE	KD-S630 J/C	1 1		ļ
	38	VND4922-007	CAUTION LABEL	1	1	•	
	40	QMFZ021-100-J1	FUSE	FOR USA ONLY	1	J	
	41	VMA4652-001SS	EARTH PLATE		1		
	42	QLD0032-001	LCD MODULE		1		
+	43	FSYH3013-001	LCD MODULE	-	1		
	44	FSJK3013-001			1		
	45	FSKS3006-001	LCD LENS		1		
	46		LENS CASE		1		
1	51	QNZ0089-001 FSKM3010-003	RUBBER CONNECT		1		
+	52	FSKL4018-00A	REAR BRACKET		1		
	53		IC BRACKET		1		
	54	FSKL4015-001	REG BRACKET		1		
-		SDST2606Z	SCREW	"FOR ANT"	1		
	55	SDST2606Z	SCREW	"16P & TR BRACK	3		
- -	56	SDSF3006Z	SCREW	"LINE OUT"	1		
	57	FSKL4014-001	HEAT SINK		1		
	58	FSYH4048-001	SHEET		1		1
		•					1
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■ Parts List

BLOCK NO. M2MM

J1				BLOCK NO. MEN			
Δ	REF.	PARTS NO.	PARTS NAME	REMARKS	QТΥ	SUFFIX	CLR
	1	30310101T	FRAME		1 1		
	2	30310103T	DANPER PIN		2		
	3	30310107T	UPPER PLATE		1 1		1
	4	30310108T	SEL STOP PLATE		1		1
	5	30310109T	SEL ARM (L)		1 1		1
	- 6	30310110T	SEL ARM (R)		1		
	7		S ARM SPRING		2		
	8	303101331 30310112T	TRIG LEVER		1		1
1	9		TRIG PLATE	,			
11		303101141 30310115T	TRIG PL SPRING		1 1		
\vdash	11	30310115T	TRIG ARM		1 1		
		303101181 30310117T	FIX ARM (L)	1	1		
		303101177 30310118T			1 1		
11			FIX ARM (R)	1	1		
		303101191	FIX PLATE (L)		1		1
		30310120T	FIX PLATE (R)		1		
		30310121T	LDG GEAR (6)		1		
11	17	30310122T	LDG GEAR (6)SP		1		. [
		30310124T	S.L ARM	1	1		1
		30310125T	S.L ARM SPRING	1	1		
		30310126T	REAR DAM BKT(J)		1		
		30310127T	FPC GUIDE		1		
		30310128T	HUNG UP SP (F)	1	2		
		30310129T	HUNG UP SP (R)	1	2		
11	24	30310130T	LEVEL SPRING		1		İ
11	29	30300510T	PU GEAR(B)		1		
	30	30310501T	TTB		1		
	31		TURN TABLE	D	1		
	1	30310503T	FMB	-	1		
	33	30310504T	FD GR BRACKET		1		`
	34		FD GEAR (A)		1 1		
	35		FD GEAR (C)	D	1		
+	36	30310538T	PU SHAFT		1 1		
\perp	37		FD SCREW	D	1 1		
		30310510T	THRUST SPRING	١	1 1		1
		303105101 30310511T	PU M NUT		1 1		
1					1 1		
		30310512T	NUT PUSH SPR PL		1		
		30310513T	CLP ARM		1 1		
		30310514T	CLP ARM SPRING		1 1		
		30310515T	CLAMPER		1		
		30310521T	LOCK PIN		3		
	47	30310522T	LOCK PIN BL		1		1
1		30310523T	CLAMPER PLATE		1		
		30310524T	DAMPER (J)	}	3		
		30310525T	CLP ARM SPR (L)		1		
		30310536T	STOPPER SPRING		1		
	54		FEED MOTOR	FF030PK-09210	2		
11	55		SPINDLE MOTOR	D	1		
\mathbf{I}		64180404T	DET SWITCH	ESE11HS2	1 1		
		OPTIMA-720A1	CD.PICK UNIT		1		
	61	11050210T	FELT		1		1
	62	19501403T	WIRE CLAMPER		2		
	63	30311019T	PICK UP FPC(J)		1 1		
		30311018T	CONNECTER PCB(J		1 1		1
		30311022T	WIRE (5P-J)		1 1		
			· · · ·		1		
			Y 71.5 WELL	L			_L

BLOCK	NO.	M2MM	

67 30311006T WIRE (FD) 68 30311007T WIRE (RS) 70 64180402T DET SWITCH ESE22MH1 71 64180403T DET SWITCH ESE22MH3 72 68150235T CONNECTOR TKC-F14P-J3 73 68170224T CONNECTOR(15P) 6208010115 74 68150237T CONNECTOR(12P) 78 LDG PULLEY 79 30311105T SOPPORT PLATE 80 30311108T GR MT BLK	1 1 1 2 2 2 1 1	CLR
67 30311006T WIRE (FD) 68 30311007T WIRE (RS) 70 64180402T DET SWITCH ESE22MH1 71 64180403T DET SWITCH ESE22MH3 72 68150235T CONNECTOR TKC-F14P-J3 73 68170224T CONNECTOR(15P) 6208010115 74 68150237T CONNECTOR(12P) 78 LDG PULLEY 79 30311105T SOPPORT PLATE 80 30311108T GR MT BLK	1 1 2 2 2 1 1	
67 30311006T WIRE (FD) 68 30311007T WIRE (RS) 70 64180402T DET SWITCH ESE22MH1 71 64180403T DET SWITCH ESE22MH3 72 68150235T CONNECTOR TKC-F14P-J3 73 68170224T CONNECTOR(15P) 6208010115 74 68150237T CONNECTOR(12P) 78 LDG PULLEY 79 30311105T SOPPORT PLATE 80 30311108T GR MT BLK	1 1 2 2 2 1 1	9
68 30311007T WIRE (RS) 70 64180402T DET SWITCH ESE22MH1 71 64180403T DET SWITCH ESE22MH3 72 68150235T CONNECTOR TKC-F14P-J3 73 68170224T CONNECTOR(15P) 6208010115 74 68150237T CONNECTOR(12P) 78 LDG PULLEY 79 30311105T SOPPORT PLATE 80 30311108T GR MT BLK	1 2 2 1 1	
70 64180402T DET SWITCH ESE22MH1 71 64180403T DET SWITCH ESE22MH3 72 68150235T CONNECTOR TKC-F14P-J3 73 68170224T CONNECTOR(15P) 6208010115 74 68150237T CONNECTOR(12P) 78 LDG PULLEY 79 30311105T SOPPORT PLATE 80 30311108T GR MT BLK	2 2 1 1 1	
71 64180403T DET SWITCH ESE22MH3 72 68150235T CONNECTOR TKC-F14P-J3 73 68170224T CONNECTOR(15P) 6208010115 74 68150237T CONNECTOR(12P) 78 LDG PULLEY 79 30311105T SOPPORT PLATE 80 30311108T GR MT BLK	2 1 1 1	
72 68150235T	1 1 1	
73 68170224T	1	
74 68150237T	1	1
78 LDG PULLEY D 79 30311105T SOPPORT PLATE 80 30311108T GR MT BLK	· ·	1
79 30311105T SOPPORT PLATE 80 30311108T GR MT BLK		
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104 9C0317803T C SCREW M1.7X8	2	
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106 9C4420003T	1	ŀ
107 9C4420503T C TAP SCREW B3 M2X5	2	
108 9P0220031T TAMS SCREW M2X4	2	1
112 POLY WASHER D		
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116 9W072503CT	N .	
117 9W0640030T WASHER		7
130 303105301T FFED MOTOR ASSY NO.34,54		
131 303105302T SP MOTOR ASSY NO.31,55,112		
132 303105303T FEED SCREW ASSY NO.35,37		
133 303111301T LDG MOTOR ASSY NO.54,78		
134 303111302T RDG RLR SFT ASY NO.83,85,87		
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(Main
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REMARKS	100MF 20% 10V	68PF 5% 50V	100MF 20% 10V .010MF 10% 25V	3.0PF +50:-10%	.10MF 10% 25V	1 1	10%	.010MF 10% 50V	330PF +50:-10%	.10MF 10% 25V	100MF 20% 10V	820PF 5% 50V	.022MF 10% 50V	47PF +50:-10% 1	.022MF 10% 50V		10%	%	22MF 20% 16V	10%	220MF 20% 10V .010MF 10% 25V	.010MF 10% 25V	.010MF 10% 25V 470PF 10% 50V	.022MF 10% 50V	10% 1	100MF 20% 10V .010MF 10% 25V	10PF +50:-10% 1	3	100MF 20% 10V	10%	220MF 20% 6.3V	.010MF 10% 25V	33PF +50:-10% 1			100MF 20% 10V		.10MF 20% 50V
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PARTS NO.	GEKF1AM-1072M	NCS21HJ-680AY	NCB21HK-103AY	NCT21CH-3ROAY	NCB21HK-104 QEK41HM-105	NCT21CH-101AY	NCB21HK-273AY NCB21HK-723AV	NCB21HK-103AY	NCT21CH-331AY	NCB21HK-104		NCS21HJ-821AY		NCT21CH-470AY NCS21H.1-271AY		NCB21HK-223AY NCB21HK-102AY			GEK41CM-226 NCB21HK-273AY	NCB21HK-103AY	WER41AM-22/N NCB21HK-103AY	NCB21HK-103AY	NCB21HK-471AY	NCB21HK-223AY NCB21HK-223AY	NCB21CK-334AY	NCB21HK-103AY	NCT21CH-100AY	NCB21HK-103AY	QEKF1AM-107ZM GFK40.IM-227	NCB21HK-103AY	QEK40JM-227	NCB21HK-103AY NCT21CH-220AY	NCT21CH-330AY	QEK41CM-106	NCB21HK-104	QEKF1AM-107ZM GEB/1CM-104	GERF1AM-476Z	QEK41HM-104 Qek41HM-104
IX A REF.	C 502	C 503		0 208	C 508		C 510	1	C 513			C 517		C 520	1		C 525	- 1	C 541					C 564	1			C 571	5/5 7		- 1	C 603			- 1	C 661		C 702
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RE	D-S730 ON	1.0MF 20% 50V	.7MF	- 1	7MF 20% 6	1.0MF 20% 50V	4.7MF 20% 25V	+20:	100PF +50:-10%	ν. 	- i i l	.15MF 5% 50V	%	.033MF 5% 50V 5600PF 5% 50V	0% 2	% 50%	F 103	20% 1	220PF 5% 50V	220PF 5% 50V	100PF 5% 50V	100PF 5% 50V	100PF 5% 50V	4.7MF 20% 25V 10MF 20% 16V	4.7MF 20% 25V	10%	KD-S730 ONLY 8200PF 5% 50V	200		50		% % % 0 %	5%	20PF 5%		100PF 5% 50V 100PF 5% 50V	5% 50	.010MF 10% 25V 100MF 20% 10V
ARTS NAME R	UZZER KD-S730 ON	.OMF 20%	.CAPACITOR 4.7MF	CAPACITOR 100PF	CAPACITOR 47MF 2	8 8	CAPACITOR 4.7MF	CAPACITOR 100PF	100PF	CAPACITOR 147MF 2	ACITOR 8200PF	26 26	CAPACITOR .22MF 5% 5	OR .033MF 5%	0% 2	100MF 20% 1	.010MF	100MF 20%	4/MF 220PF	CAPACITOR 220PF	100PF	100PF	100PF	E.CAPACIIUR 4.7MF 20% 25V E.CAPACITOR 10MF 20% 16V	4.7MF 20%	.022MF 10%	KD-8730 0 8200PF 5%	OR .15MF 5%	CAPACITOR .22MF 5%	CAPACITOR .033MF 5%	T (4.7MF 20%	CAPACITOR 220PF 5%	CAPACITOR 220PF 5% 5	CAPACITOR 100PF 5%	CAPACITOR 100PF 5% CAPACITOR 100PF 5%	100PF 5% 50	CAPACIIOR .010MF 10% .CAPACIIOR 100MF 20% 1
PARTS NO. PARTS NAME R	AN0009-001Z BUZZER KD-S730 ON	CAPACITOR 1.0MF 20%	QEK41EM-475 E.CAPACITOR 4.7MF	NCIZICH-101AY C CAPACITOR 100PF	E.CAPACITOR 47MF 2	QER41HM-105 E.CAPACITOR 1.0MF 20%	E.CAPACITOR 1000P	NCT21CH-101AY C CAPACITOR 100PF	DEFECTION C CAPACITUR 100PF	NCB21HK-103AY C CAPACITOR 010MF	QFLA1HJ-822ZM M.CAPACITOR 8200PF	ZM FILM CAPACITOR 1.15MF 5% FILM CAPACITOR 1.22MF 5%	QFV41HJ-224 FILM CAPACITOR .22MF 5% 5	FILM CAPACITOR .033MF 5% M M.CAPACITOR 5600PF 5%	QEK41EM-475 E.CAPACITOR 4.7MF 20% 2	QEKF1AM-107ZM E.CAPACITOR 4.70F 20% 2	C CAPACITOR .010MF	GEKLIAM-10/ZM E.CAPACITOR 100MF 20%	NCS21HJ-221AY C CAPACITOR 220PF	NCS21HJ-221AY C CAPACITOR 220PF	NCS21HJ-101AY C CAPACITOR 100PF	NCS21HJ-101AY C CAPACITOR 100PF NCS21HJ-101AY C CAPACITOR 100PF	NCSZ1HJ-101AY C CAPACITOR 100PF	E.CAPACITOR 4.7MF	QEK41EM-475 E.CAPACITOR 4.7MF 20% 3 NCB21HK-223AY C.CAPACITOR 022MF 10%	NCB21HK-223AY C CAPACITOR .022MF 10%	GERFIHM-1042N E.CAPACITOR KD-8730 U GFLA1HJ-8222M M.CAPACITOR 8200PF 5%	M FILM CAPACITOR .15MF 5%	FV41HJ-224 FILM CAPACITOR .22MF 5%	QFV41HJ-333 FILM CAPACITOR .033MF 5%	FLAIHJ-5622M M.CAPACIIUR 5600PF 5% FK41FM-475 F CAPACITOB / 7ME 500	QEK41EM-475 E.CAPACITOR 4.7MF 20%	CS21HJ-221AY C CAPACITOR 220PF 5%	CS21HJ-221AY C CAPACITOR 220PF 5% 5	CS21HJ-101AY C CAPACITOR 100PF 5%	CAPACITOR 100PF 5% CAPACITOR 100PF 5%	CS21HJ-101AY C CAPACITOR 100PF 5% 5C	CAPACIIOR .010MF 10% .CAPACIIOR 10% 1

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BLOCK NO. 011 REMARKS										KD-S730 ONLY											3	.9K 5%		. 3K . 5K . 5K . 5K . 5K . 5K . 5K . 5K	.0K 5%	2%	33K 5% 1/10W	22K 5% 1/10W	S	22K 5% 1/10W	5% 1	7.0K 3% 1/10W 7.6K 5% 1/10W	4.3K 5% 1/10W	1.0K 5% 1/10W	22K 5% 1/10W	22K 5% 1/10W	1.0K 5% 1/10W	22K 5% 1/10W	22K 5% 1/10W	18K 5% 1/10W	47K 5% 1/10W	47K 5% 1/10W	27K 5% 1/10W		0 U	
PARTS NAME	21	INDUCTOR	TADECTOR	INDUCTOR	INDUCTOR	INDUCIOR COOKE COIL		TRANSISTOR	TRANSISTOR	S	TRANSISTOR	TRANSISTOR	TRANSISTOR	RANSI	TDANSISION	TOTOTONOL		ļ			CHIP	MG RESISTOR	MG DEGITATOD	RESISTOR	MG RESISTOR	MG RESISTOR	MG RESISTOR	MG RESISTOR	MG RESISTOR	MG RESISTOR		MG PESISIUR	RESISTOR	MG RESISTOR	2 E	MG RESISION	RESI	RESI	MG RESISTOR	RESI	2 1 2	2 K	RESI	RESIST	MG RESISTOR	101
PARTS NO.	BA4901-V3	V@P0018-4R	V@P0018-487	V@P0018	V@P0018	V@P0018-4K/				_	~	~	2			3553713771		DTC114EKA-X	2SA1706/ST/-T	2SC2412KK1	2SA1037AK(RS)-		NKSAUZJ-ZUZNY NDSAOSI-SASNY		NRSA02J-102NY	NRSA023-223NY	5 NRSA02J-333NY	NRSA02J-223NY	N K S A O Z J = 1 D Z N Y	NRSAOZ			NRSAOZ	NRSA02J	NRSAOZ	NKSAUZJ-555NY	NRSAOZJ	NRSA02	NRSA02J	1 NRSA02J-183NY	NPSACS	NRSA023		NRSA02J	1 NKSA023-475N1	É
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BLOCK NO. R REMARKS	027MF 10% 50V	10%	022MF 10% 50V	10%	0% 20	.010MF 10% 25V	6.0PF 5% 50V	1000PF 10% 50V	220MF 20% 10V		.010MF 10% 50V	16	%	22MF 20% 16V	.10MF 10% 25V	.010MF 10% 50V	100MF 20% 16V	010MF 103	220MF 20% 6.3V	.7MF 20% 25	1000PF 10% 50V										KD-S730 ONLY															
PART'S NAME	CCAPACITOR		C CAPACITOR	C CAPACITOR		CCAPACITOR	C.CAPACITOR	C CAPACITOR	FCAPACITOR	E CAPACITOR	C CAPACITOR	E.CAPACITOR	E.CAPACITOR	E.CAPACITOR	CCAPACITOR	C CAPACITOR	E CAPACITOR	C CAPACITOR	E.CAPACITOR	NP.E.CAPACITOR	C CAPACITOR	PIN JACK	CAR ANT JACK	CONNECTOR	CONNECTOR	16P CONNECTOR	IODE	60	DIODE	SIDIODE	SI DIODE	DE	ZENEK DIUDE	SI DIODE		SI DIODE	7.0100E	DIODE	SI DIODE	IC	IC	٠ ا د	IC	IC	21) T
S NO.	1 HK-273AY	1HK-223AY	1HK-223AY	.B21HK-103AY	K41HM-104	B21HK-103AY	S21HJ-6ROAY	WEK41HM-660	41 AM-227N	QE20337-228	21HK-103AY	QEK41CM-226	141CM-226	<41CM-226	321HK-104	NCB21HK-105AY	QEKF1CM-10/2N	NCB21HK-103AY	QEK40JM-227	GEPC1EM-4752M	NCB21HK-102AY	VMJ3022-001	ọ٠	VMC0314-S12	n C	- 1		~	52WA	DSK10C-E 155133	\$13	133	4 . 7 J	MA152WK-TX	\$133	\$133	M12101C	⊰ I	\$\$133	NJM4565M	463207	HA13158	2 4.	A6218	MN35510-S	JES01-9581
PARTS	NCR21	NCB2	NCB2	, ,	QE	Z :	716 NCS				NCB	QEK	GEF	ØE.	2		908 QE								CNOCN CNOCN		1		332 MA1		13	15		667 MA			51 31					321 HA				601 JE

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BLOCK NO. 0	N N N M M M	10K 5% 1/8W	, N	%	10K 5% 1/8W	100K 5% 1/10W	3.3K 5% 1/10W	47K 5% 1/10W	: >4	3%	5% 1	۶.	7K 5% 1	.0K	N 1		ν %	47K 5% 1/10W	28	22K 5% 1/10W	.7K 5%	22K 5% 1/10W	.7K 5%	22K 5% 1/10W	4.7K 5% 1/8W			470 5% 1/10W	1.0K 5% 1/10W	100 5% 1/10W	1.0K 5% 1/10W	10K 5% 1/10W	1.5M 5% 1/10W		10K 5% 1/10W	707 7% 1/104		1.0K 5% 1/8W	15 5% 1/10W	15 5% 1/10W		۲ %	5% 1				4.7K 5% 1/10W		100	27K 5% 1/10W			5% 1
PARTS NAME		MG RESISTOR	G RESIS	G RESIS	MG RESISTOR	RESID	ESI	RESIS	RESI	RESI	RESI	RESI	RESI	MG KESISIOR	MG RESISTOR	MG KESISIOK	MG RESISTOR	MG RESISTOR	MG RESISTOR	MG RESISTOR	MG RESISTOR	MG RESISTOR	MG RESISTOR	MG RESISTOR			RESI		RESI	MG KESISIUK	X E S	MG REVISION	MG RESISION	PEST		REST	REST	RESISTOR	RESISTOR	RESISTOR	RESI	RESISTOR		RBON R	RESIS	RESIS	RESIS	RESIS	MG RESISTOR	RESIS	RESI	RESI	MG RESISTOR
PARTS NO.	10000	NRS1813-105NY	NRSA02J-1		NESTRI	NRSAOZJE	ž			NRSAOZJ				_	A NPS A C C C C C C C C C C C C C C C C C C					2 :				NRSA02J-223NY					_	NKSAUZJ-IOINI		COKOGN												<u>z</u>		z		z	NRSA02J-563NY	ž	z	NRS181J	NRSA02J-823NY
A REF.	c	R 603			R 609	R 611			R 614			62		0 0		020		K 628	- 1	× 630				- 1						207 0			0 7 2					R 792	R 795									R 907	R 908	R 909	91	91	R 912
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REMARKS SUFF	7 7 5 2 1/101	1.0K 5% 1/10W	8	2.2K 5% 1/10W		18K 5% 1/10W	2.2K 5% 1/10W	ν %	5% 1/	ις 19	٠.	1.05 J. 1.10W	ęŭ	٦		74.10	e 3	3.7K 5% 1/10W	را اع	4 8	e 8	5% 1/10W	7, 1/10W	5% 1/10W	U 10	ν. 9	N 9	107 JA 1/108	وای	8 8	6 8	. 84	, r	1	7	2%	7%	2	2%	5% 1/8	7. 22 7.	. 05 JZ	OK 5% 1/1	5% 1	. OK 5% 1	٠ ا	8	2%	.0K 5% 1	8K 5% 1	1.0M 5% 1/10W	20K 5% 1	2 1/
EMARKS SERVER S	42 XZ 7	RESISTOR 1.0K 5%	RESISTOR 100	STOR 2.2K 5% 1/10	RESISTOR KD-	RESISTOR 18K	RESISTOR 2.2	RESISTOR 47K 5%	RESISTOR 47K 5%	27K 5% 1/	RESISION 27K 5%	DEC10101	RESISTOR 2 2K 5%	RESISTOR 22 5% 17	RESISTOR 22 5%	RESISTOR 1 OK SV 1/10	DECICEO 2 OF E% 1/10	RESISTOR 3.9K 5% 1/10 RESISTOR 7.7K 5% 1/10W	RESTOTOR 100V SE	DECTOTOD DO 25 FE	AESISIUR 6.2K 5%	ACSISION 100K 5% 1/10W	RESIDIOR C/R 5% 1/10W	DESTATOR ALOW TO 110W	DECISION 1300 0%	RESISIUR Z/UK 5%	RESISIUR SON SX	DECICION JON 18	RESISTOR 12K 5%	RESISTOR 12K 5%	RESISTOR 12K 5%	RESISTOR 820 5%	RESISTOR 5.6K 5%	RESISTOR 20K 5% 1	RESISTOR 2.4K 5%	RESISTOR 8.2K 5%	RESISTOR 22K 5% 1	RESISTOR 120K 5	RESISTOR 2.2K 5%	SISTOR 2.2 5% 1	RESISION 2.2 5% 1/	DECISION 1.0K 5% 1	DESTRICTOR 1.OK 5% 1	RESISTOR 1.0K 5% 1	KESISIUK 1.0K 5% 1	RESISTOR 1.0K 5%	RESISTOR 1.0K 5%	RESISTOR 1.0K 5%	RESISTOR 1.0K 5% 1	ESISTOR 68K 5% 1	RESISTOR 1.0M 5%	RESISTOR 120K 5% 1	RESISTOR 330 5% 1/
PARTS NO. PARTS NAME REMARKS S	NRSA02J-472NY MG RESISTOR 6 7K 5%	SAO2J-102NY MG RESISTOR 1.0K 5%	NRSA02J-101NY MG RESISTOR 100	NRSAOZJ-222NY MG RESISTOR 2.2K 5% 1/10	NRSA02J-102NY MG RESISTOR KD-	NRSA02J-183NY MG RESISTOR 18K	RESISTOR 2.2	NRSA02J-473NY MG RESISTOR 47K 5%	SA02J-473NY MG RESISTOR 47K 5%	SAUZJ-Z/SNY MG RESISTOR 27K 5% 1/	NRSAO231273N1 MG RESIDIOR 27K 5%	NRCAD2 10EN MG MEGICION 100 ES	SAO2J-222NY MG RESISTOR 2 2 2K 5%	NRSAO2J-220NY MG RESISTOR 22 5% 17	NRSA02J-22ONY MG RESISTOR 22 5%	NRSA023-102NY MG RESISTOR 1 OK 5% 1/10	NRSA021-302NV MG DECTOTOD 3 OV EW 4,400	SAO2J-473NY MG RESISTOR 3.7K 5% 1/10	NRSA021-104NY MG RESISTOR 100V CW	NPCADO 1-800NV MC DECICEDD 0 0V CW	MDSAD21-404NV MG DEGISIOR 60.2K 5%	MOSACE TOTAN MG RESISTER TOOK 5% 1/10W	MDCACS-2/3NT MG RESISTOR 2/K 5% 1/10W	NACADO 1-15(NV MC DESTRICE ABOVES 12011	NRSA021-274NY MG RESISTOR 220N 52	NDSAO23-274N MG DEGIGIOR 270K 5%	NECKTORS NO DESTRUCTOR NO DESTRUCTOR	NRSAD21-123NY MG DESTRICE	NRSA02J-123NY MG RESISTOR 12K SY	NRSA023-123NY MG RESISTOR 12K 52	NRSA02J-123NY MG RESISTOR 12K 5%	NRSA02J-821NY MG RESISTOR 820 52	NRSA02J-562NY MG RESISTOR 5.6K 5%	J-203NY MG RESISTOR 20K 5% 1	NRSA02J-242 MG RESISTOR 2.4K 5%	NRSA02J-822NY MG RESISTOR 8.2K 5%	NRSA02J-223NY MG RESISTOR 22K 5% 1	MG RESISTOR 120K 5	RESISTOR 2.2K 5%	MG RESISTOR 2.2 5% 1	MO DESTRICTION A. S. T. T.	MG DECISION 1 OF 18 1	-102NV MC DESTOTOR 1.0K 5% 1	LOCAL MG RESISION 1.0K 5% 1	MG KESISIOK 1.0K 5% 1	A ADDRESS NO RESIDENCE 1.0K 5%	RS181J-102NY MG RESISTOR 1.0K 5%	RS181J-102NY MG RESISTOR 1.0K 5%	RS181J-102NY MG RESISTOR 1.0K 5% 1	RSAO2J-683NY MG RESISTOR 68K 5% 1	SAUZI-IOSNY MG KESISION 1.0M 5%	2J-124NY MG RESISTOR 120K 5% 1	SAU2J-331NY MG RESISTOR 330 5% 1/

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		SUFFIX																								J. 1.	ח		_	=	, ,	2 0	n															
	BLOCK NO. 02	REMARKS	.022MF 10% 50V 680PF 5% 50V	10MF 20% 6.3V	KD-S730 ONLY	"POWER LED"				1.7																			3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	KU-8730 UNLY				ν % :		910 5% 1/10W	1.2K 5% 1/10W	1.5K 5% 1/10W	2.2K 5% 1/10W	510 5% 1/10W	680 5% 1/10W	910 5% 1/10W	1.2K 5% 1/10W	1.5K 5% 1/10W	510 5% 1/10W	680 5% 1/10W	910 5% 1/10W	1.2K 5% 1/10W 1.5K 5% 1/10W
(Front P. C. B.)	- 1	n. 1	C CAPACITOR C CAPACITOR	TS.E.CAPACITOR	TS.E.CAPACITOR			_		_		ר ה ה ה									LED		LED	_	LED	ER	ZENER DIODE	SI DIODE	IC	KM.KECEIVEK I AMD	LAMP	LAMP	LAMP		MG DECICADE		RESI	MG RESISTOR		MG RESISTOR		RESISTOR	RESISTOR	MG RESISTOR	RESISTOR			MG RESISTOR MG RESISTOR
■Electrical Parts List (Front P. C. B.)	- 1				NEF20JM-475RY VMC0335-001							SML-210F1/JKL/W	SML-210F1/3KL/W	SMI -210FT/JKI/W	SMI -210FT/1K1/W	SML-210FT/JKL/W	SML-210FT/JKL/W	SML-210FT/JKL/W			SML-210FT/JKL/W	SML-210FT/JKL/W	SML-210FT/JKL/W	WITCH DIG THE	SML-210F1/JKL/W	MA3051(M)	MA3047	MAIDZWK-IX	LC/5823E	0110033-001					NRSAOSJ-SILNI	NRSA02J-911NY	NRSA02J-122NY	NRSA02J-152NY	NKSAUZJ-ZZZNY NBSAUZJ-ZZZNY					NKSA02J-152NY NRSA02J-483NY				NRSA02J-122NY NRSA02J-152NY
■ Electi	t	₩EF.	C 951	C 953	C. 954	0 951	0 952	D 953	0 954	0 955	720	7000	070	0 9 60	0 961	0 962	D 963	796 G	D 965	996 Q	D 967	D 968	0 969	024	D 971	1 977	0 977	1,056	10951	PI 952	PL952	PL954	7567d	R 930	2 0 3 2	R 933	R 934	R 935	7 7 0	R 938	R 939	R 940	R 941	R 942	R 944		76	R 947 R 948
	SHEFTX	V1.1.100																																		:												
FO ON MOOLE	<u>.</u>	CMONN																																														
	PARTS NAME	- 1	CRYSTAL	CRYSTAL																																												
	PARTS NO	TAKES NO.	VCX5016-934V	V.CX5026-001Z																					***																							
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× 1	0 (RSA02J-22	RESIST	5% 1/10	
۲ د	> (SAUZJ	RESISTO	1K 5% 1/10	
۲ ۵	> 0	KSAUZJ-TZ	RESISTO	50K 5% 1/1	
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z (> 6	KSAU2J-511	RESIST	5% 1/	
×	~	RSA02J-51	RESIST	5% 1/	
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~	979	J-511	RESIS	5% 1/	
œ	980	J-511	RESIS	5% 1/1	
~	981		RESTS	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
<u>~</u>	982	1-511	DECIC	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
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: 0		777	2 2 2 2 2	22 1/10	
واء	704	N-511N	RESIS	5% 1/	
<i>o</i>	951			9	
0	7 7 7	0-6	<u>-</u>	2	
S	953	9-0	<u>.</u>	"cp"	
တ	954	0-6	<u>-</u>	"FM"	
S	955	9-0	<u>-</u>	"AM"	
S	956	0-0	-	"SOUND"	
S	957	0-6		72000	
	0 20		- F	٠	
	0 0		7 1 0	¥	
, (7.77	2	N N	"SELECT"	
ام	000		ACTS	"1"	
· 0	961	-0	ACT S	"2"	
s	962	2-0	ACT S		
S	963	NSW0039-001X	ACTS	"7"	
s	964	39-0	ACT A	# L C L C L	
S	965	SW0039-0	ACT O	"E 0719.	
0	770	0-020075	1	10/11/01	
	270	0.00000	0 C	··	
, 6		01400000	2 - 2	. UP"	
0 0	000	O-ACCOMA	ACTS	"VOL DOWN"	
'n	767	SW0039-0	ACT S	"MO/RND"	
s	970		ACT	"RFPEAT"	
S	971	SW0039-0	ACTS	_ <	
	972	00-6500	TO LOT	ָ כורי	
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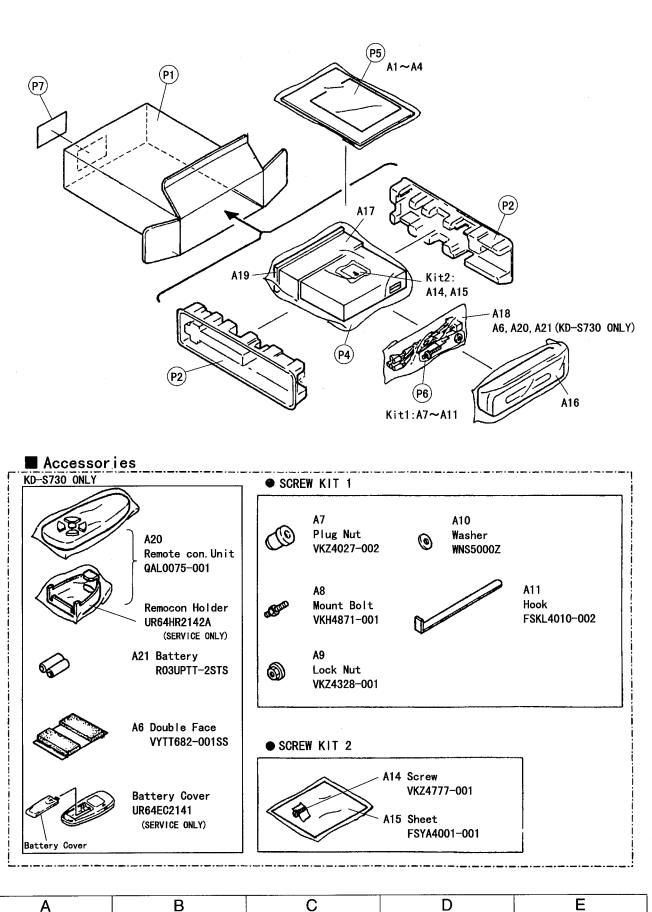
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Packing Materials and Accessories



■ Packing List

					BLOCK NO. M3M	M		
Δ	RE	F.	PARTS NO.	PARTS NAME	REMARKS	ΩТΥ	SUFFIX	CLR
	P	2	FSPE3001-049 FSPE3001-058 FSPE3001-059 FSPH1014-001 FSPH1013-001	PACKING CASE PACKING CASE PACKING CASE PAPER CUSHION FAPER CUSHION	KD-S730 ONLY KD-S630 J/C KD-S630 U ONLY	1 1 1 2 2	J C	
	P P P	5	VPE3005-066 QPA01702505P QPGA008-01205	POLY BAG POLY BAG POLY BAG CARTON LABEL	SET(260X440X0.0 INSTRUCTION	1 1 1 1		

■ Accessories List

-	,				BLOCK NO. M4M			
Δ	RI	EF.	PARTS NO.	PARTS NAME	REMARKS	QTY	SUFFIX	CLR
Г	Α	1	FSUN3038-631S	INSTRUCTION		1	J,C	
			FSUN3038-181S	INSTRUCTION		1	Ü	
1	Α	2	FSUN3038-T631S	INSTALL MANUAL		1	J,C	
	ĺ		FSUN3038-T181S	INSTALL MANUAL		1	U	1
L	Α	3	BT-51009-3	WARRANTY CARD	FOR USA ONLY	1	j	
	ĺ		BT-52001-4	WARRANTY CARD	FOR CANADA ONLY	1	С	
ı	A	4	BT-20137	SVC CENTER LIST	FOR USA ONLY	1	J	
			BT-20071B	SVC CENTER LIST	FOR CANADA ONLY	1	С	
ļ	Α			DOUBLE FACE	KD-S730 ONLY	1		
_	A	7		PLUG NUT		1 1		1
	Α		VKH4871-001	MOUNT BOLT		1	745.000	
	Α		VKZ4328-001	LOCK NUT	FOR M5	1		
	Α	- 1	WNS5000Z	WASHER		1		
ĺ	A		FSKL4010-002	ноок		2		
1_	A		VKZ4777-001	MINI SCREW		1		
1	Α	1	FSYA4001-001	SHEET		1		
	Α	1	FSJB3001-00A	HARD CASE		1		
	Α		FSKM2004-001	MOUNTING SLEEVE		1		
ì	Α	- 1		16P CORD ASS'Y		1		-
ļ	Α		FSJD2019-002	TRIM PLATE		1		
	Α			REMOCON RM-RK22	KD-S730 ONLY	1		
	Α		RO3UPTT-2STS	BATTERY	KD-S730 ONLY	1		
			KDGS717K-SCREW1		A7-A11	1		
	KIT	[2	KDGS727J-SCREW2	SCREW KIT2	A14,A15	1		
1_	L							



VICTOR COMPANY OF JAPAN, LIMITED

 $MOBILE\ ELECTRONICS\ DIVISION, 10-1, Chome, Ohwatari-machi, maebashi-city, Japan$

